MX-C830
MX-C850
MX-C870

Three-CD Changer
MINI-Compact System
MP3-CD/WMA-CD/CD-R/RW Playback

user manual

imagine the possibilities

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please register your product at
www.samsung.com/register

SAMSUNG

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Safety Warnings

ENG

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER(OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
This symbol indicates “dangerous voltage” inside the product that presents a risk of electric shock or personal injury.	**CAUTION** : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	This symbol indicates important instructions accompanying the product.

WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LÁSER CLASE 1

CLASS 1 LASER PRODUCT

This product is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

DANGER

VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM. (FDA 21 CFR)

CAUTION

- CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM (IEC 60825-1)
- THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Note to CATV system installer

This reminder is provided to call the CATV system installer’s attention to Section 820~40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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Important Safety Instructions

ENG

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below. Keep these operating instructions handy for future reference.

1). Read these instructions.
2). Keep these Instructions.
3). Heed all warnings.
4). Follow all instructions.
5). Do not use this apparatus near water.
6). Clean only with dry cloth.
7). Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8). Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifi ers) that produce heat.
9). Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fi t into your outlet, consult an electrician for replacement of the obsolete outlet.
10). Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11). Only use attachment/accessories specifi ed by the manufacturer.
12). Use only with the cart, stand, tripod, bracket, or table specifi ed by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13). Unplug this apparatus during lightning storms or when unused for long periods of time.
14). Refer all servicing to qualifi ed service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

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ENG

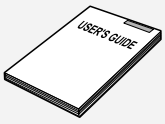
Precautions

- Ensure that the AC power supply in your house complies with the identification sticker located on the back of your product.
- Install your product horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4 inches).
- Do not place the product on amplifiers or other equipment which may become hot. Make sure the ventilation slots are not covered.
- Do not stack anything on top of the product.
- Before moving the product, ensure the Disc Insert Hole is empty.
- In order to disconnect the product completely from the power supply, remove the AC plug from the wall outlet, especially when left unused for a long period of time.
- During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the product.
- Do not expose the product to direct sunlight or other heat sources. This could lead to overheating and malfunction of the product.
- Protect the product from moisture, and excess heat or equipment creating strong magnetic or electric fields (i.e. speakers.).
- Disconnect the power cable from the AC supply if the product malfunctions.
- Your product is not intended for industrial use. Use of this product is for personal use only.
- Condensation may occur if your product or disc has been stored in cold temperatures. If transporting the product during the winter, wait approximately 2 hours until the product has reached room temperature before using.
- The batteries used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in the general household trash.

What's Included

Check for the supplied accessories below.

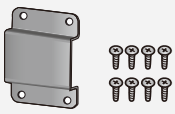
FM Antenna



User's Manual

Remote Control/Batteries (AAA size)

Spacers (Middle part 8 EA /Outside part 8 EA) (MX-C870 only)



Back bracket 2 EA /Screws 8 EA (MX-C870 only)

- Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance.

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Thank you for buying this SAMSUNG mini-compact system.
Please take time to read these instructions.
They will allow you to operate your system with ease and take full advantage of its features.

ENG

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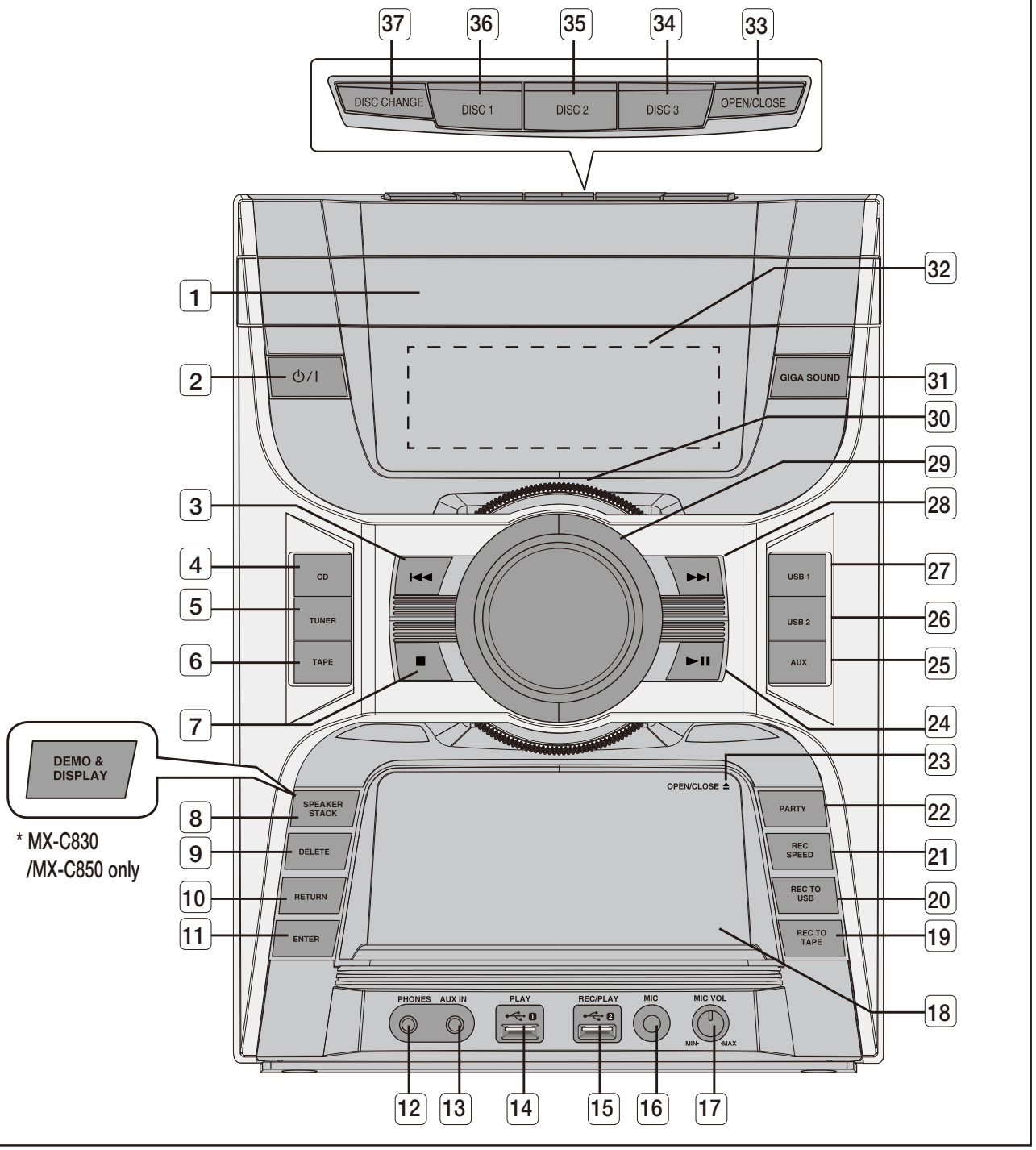
Front Panel View

ENG



* MX-C830 /MX-C850 only

1. Compact Disc Compartment
2. Standby/On button
3. Search/Tuning button
4. CD button
5. TUNER button
6. TAPE button
7. STOP button
8. SPEAKER STACK button (MX-C870 only)
   DEMO & DISPLAY button (MX-C830/MX-C850 only)
9. DELETE button
10. RETURN button
11. ENTER button
12. PHONES Jack
13. AUX IN Jack
14. USB Jack 1
15. USB Jack 2
16. MIC Jack
17. MIC VOL knob
18. Cassette Deck
19. REC TO TAPE button
20. REC TO USB button
21. REC SPEED button
22. PARTY button
23. Cassette Door OPEN/CLOSE
24. PLAY/PAUSE button
25. AUX button
26. USB 2 button
27. USB 1 button
28. Search/Tuning button
29. Volume Knob
30. Tuning/Jog Control
31. GIGA SOUND button
32. Display
33. OPEN/CLOSE button
34. DISC 3 button
35. DISC 2 button
36. DISC 1 button
37. DISC CHANGE button

- All those pictures of the Front panel are based on MODEL: MX-C870
- You can also use the **RIPPING** button on the remote control instead of the **REC TO USB** button on the main unit.

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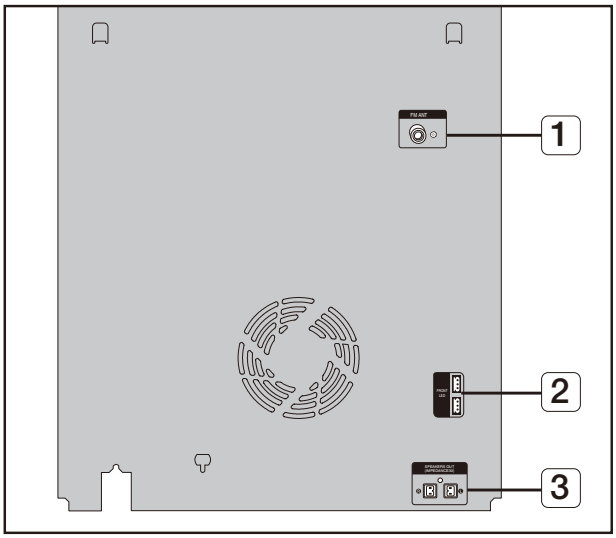
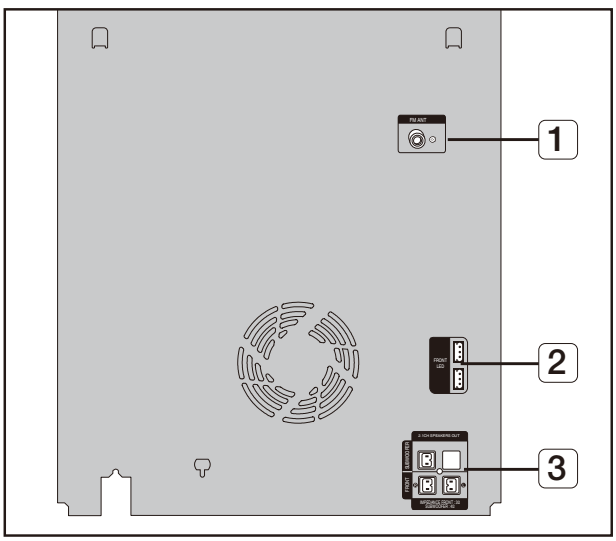
Rear Panel View (MX-C830)



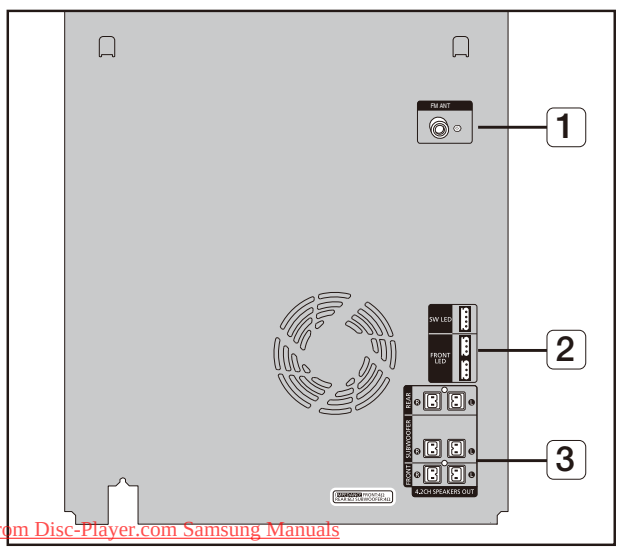
1. FM Antenna Connector Terminal
2. LED Terminals of the Front Speakers
3. Speaker Connector Terminals

Rear Panel View (MX-C850)



1. FM Antenna Connector Terminal
2. LED Terminals of the Front Speakers
3. Speaker Connector Terminals

Rear Panel View (MX-C870)



1. FM Antenna Connector Terminal
2. LED Terminals of the Front Speakers/Subwoofer
3. Speaker Connector Terminals

➢ All those pictures of the Rear panel are based on MODEL: MX-C870

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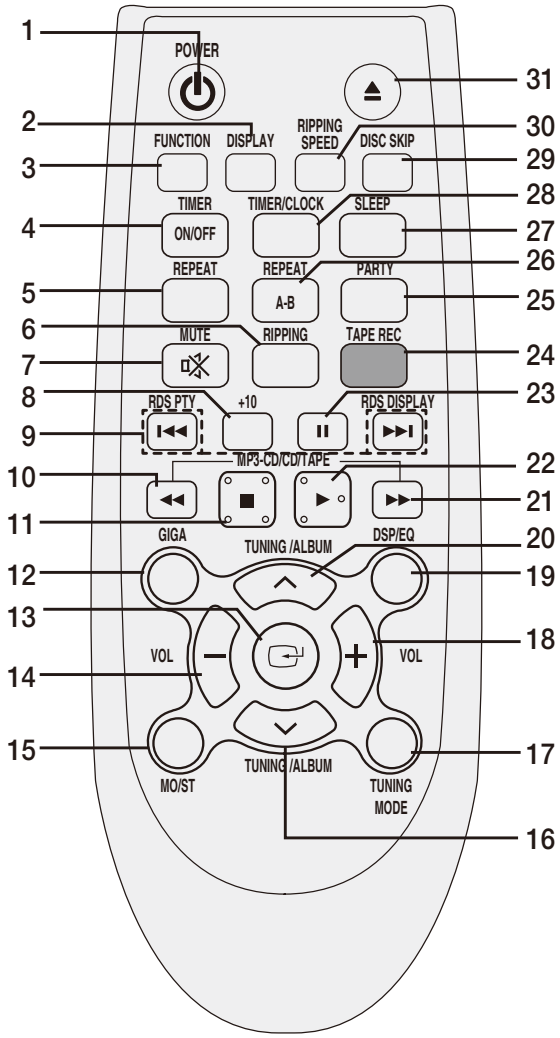
Remote Control

ENG



1. POWER
2. DISPLAY
3. FUNCTION
4. TIMER ON/OFF
5. REPEAT
6. RIPPING
   (The same function as the **REC TO USB** button on the main unit)
7. MUTE
8. +10
9. Skip and Search *
10. Fast-Rewind
11. STOP
12. GIGA
13. ENTER
14. VOLUME -
15. MO/ST
16. TUNING/ALBUM ∨
17. TUNING MODE
18. VOLUME +
19. DSP/EQ
20. TUNING/ALBUM ∧
21. Fast-Forward
22. PLAY
23. PAUSE
24. TAPE REC
25. PARTY
26. REPEAT A-B
27. SLEEP
28. TIMER/CLOCK
29. DISC SKIP
30. RIPPING SPEED
31. OPEN/CLOSE

* This product (MX-C830/MX-C850/MX-C870) is not used the RDS PTY and RDS DISPLAY function printed the ⏮, ⏭ button above.

Where to Install Your Mini-Compact System

To take full advantage of your new mini-compact system, follow these installation instructions before connecting the unit.

- Install the system on a flat, stable surface.
- Never place this unit on carpeting.
- Never place this unit in an outdoor area.
- Maintain an open space of approximately 6 inches (15 cm) on the sides and rear of the system, for ventilation purposes.
- Make sure that you have enough room to open the compact disc compartment easily.
- Place the Speakers at a reasonable distance on either side of the system to ensure good stereo sound.
- Direct the Speakers towards the listening area.
- For optimum performance, make sure that both speakers are placed at an equal distance above the floor.

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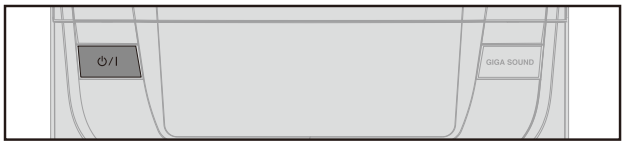
Connecting your System to the Power Supply

☛ Before plugging your system into a main socket, you must check the voltage.

1 Plug the main unit's power cord into the AC power supply.

2 Press the **STANDBY/ON (⏻ / I)** button to turn your mini-compact system on.



Inserting Remote Control Batteries

Insert or replace remote control batteries when you:

- Purchase the mini-compact system
- Find that the remote control is no longer operating correctly

☛ When replacing the batteries, use a new set of batteries and never mix alkaline and manganese batteries.

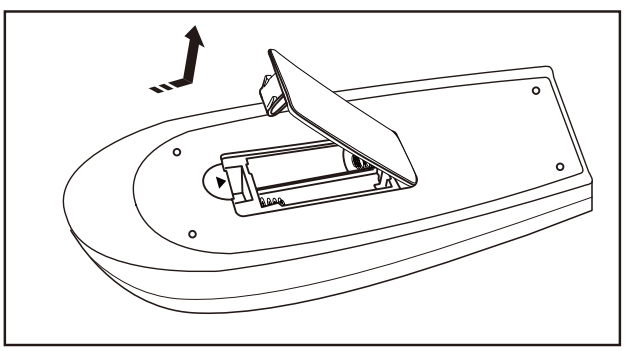
1 Place your thumb on the position marked ▶ on the battery compartment cover (rear of the remote control) and pull the cover in the direction of the arrow.

2 Insert two AAA, LR03 or equivalent batteries, taking care to respect the polarities:

- \+ on the battery on ⊕ in the battery compartment
- – on the battery on ⊖ in the battery compartment

3 Replace the cover by sliding it back until it clicks into position.

➢
- If you will not be using the remote control for a long time, remove the batteries to prevent corrosion.
- The remote control can be used up to approximately 23 feet (7 meters) in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.



Connecting the Speakers

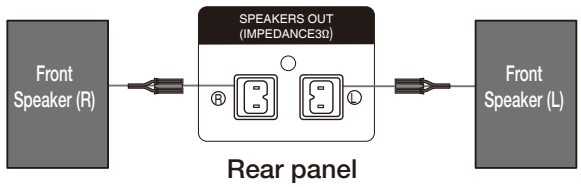
ENG

The Speakers connector terminals are located on the rear of the system.

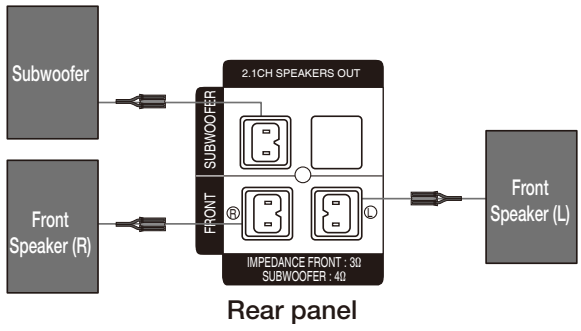
- Left speaker (marked L)
- Right speaker (marked R)

1 To achieve the correct sound quality, connect those speaker connector cables to the speaker connector terminals of the system.

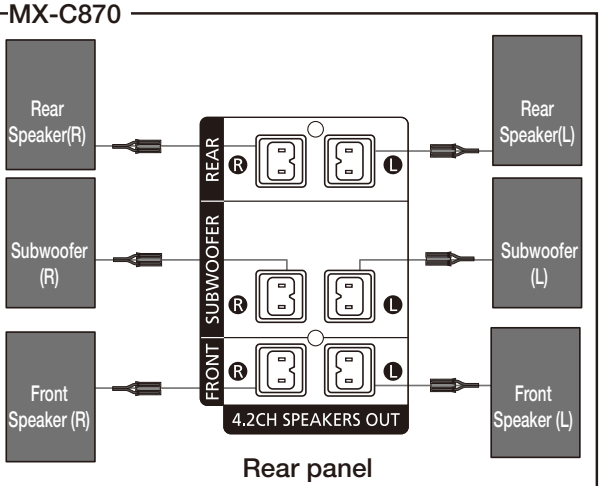
MX-C830



MX-C850



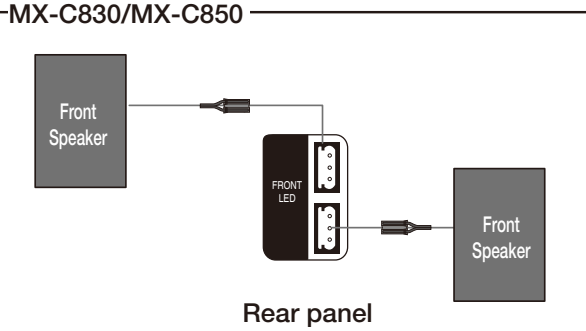
MX-C870



2 Connect the LED cables of the Front Speakers/Subwoofer to each LED Terminals of the system.

- You can enjoy the special light effect on your speakers.

MX-C830/MX-C850



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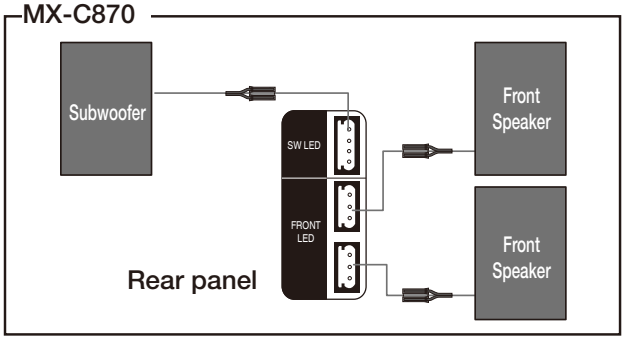
ENG

Connecting the Speakers

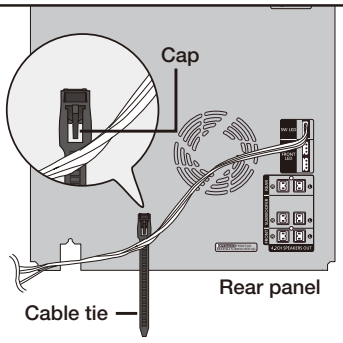
MX-C870



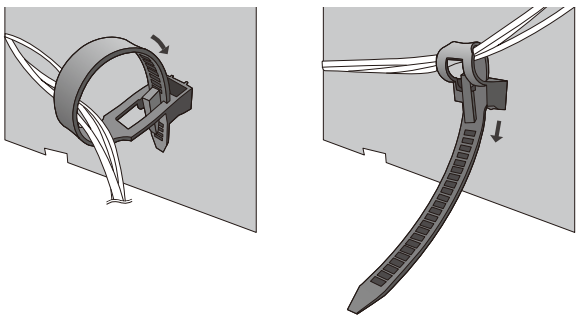
* Use the cable tie on the rear panel so that the LED cables are not loose.

1 Place the LED cables on the cable tie of the rear panel.

2 Press the cap on the cable tie to reveal the hole.

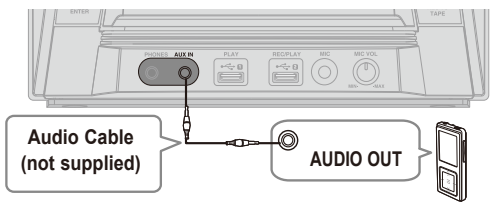


3 Bend the end of the cable tie and put it into the hole to tighten up.



Connecting to an External Source

AUX : Front Panel



Connecting an External Component/MP3 player

Components such as an MP3 Player

1 Connect **AUX IN** on the front panel of the MINI COMPACT to the Audio Out of the external component/MP3 player.

2 Press the **AUX** button to select the AUX input.
You can select AUX by pressing the **FUNCTION** button on the remote control.

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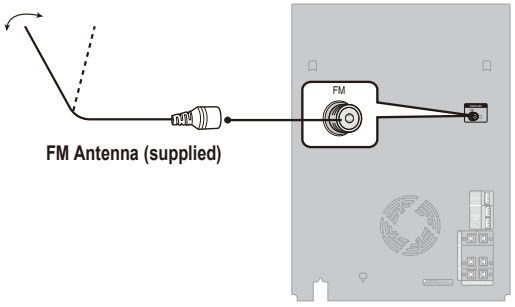
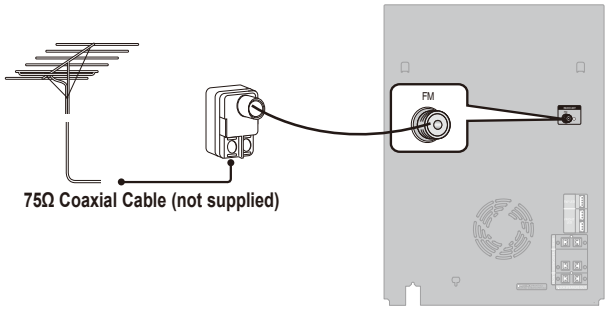
Connecting the FM Antenna

How to connect a COAXIAL TYPE antenna.

- Connect a 75Ω antenna to the **FM** antenna terminal.
- Plug the connector on the **FM** antenna supplied into the coaxial socket (75Ω) marked **FM** on the rear of the system.
- Follow the instructions given on **Page 20** to tune into a radio station, and determine the best position for the antenna.



- If reception is poor, you may need to install an outdoor antenna. To do so, connect an outdoor **FM** antenna to the **FM** socket on the rear of the system using a 75Ω coaxial cable (not supplied).



What is WMA?
WMA means Windows Media Audio, the global standard for audio signal compression technology.

What is MP3?
MP3 means MPEG1 Layer 3, the global standard for audio signal compression technology. It uses digital compression technology to compress original sound data by up to 12 times without sound quality degradation.

File Compatibility

- The unit will playback files created in MP3 format (Mpeg1.Layer3) with *.mp3 as their extension, and some WMA files with .WMA extension can't be playback.
- Playback of MP2 or 22KHz file is not supported.

How many MP3 files can a CD-R or CD-RW disc record?
The maximum capacity of one CD-R or CD-RW disc is 680MB. Normally, one MP3 file has a capacity of 4MB, therefore approximately 170 files can be recorded on a single disc.

Regarding the playback of CD-R/RW

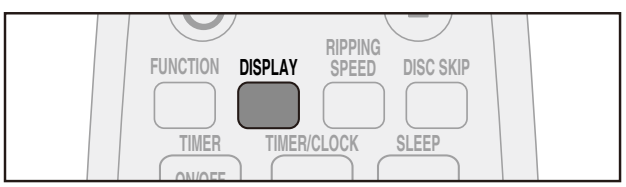
- In the case of an original CD-R(Recordable) recorded in audio CD format, CD-RW(Rewritable) and editing by the user, playback is processed on the respective completed status. (In some cases, due to the disc's characteristics and its recording status, playback may not be available.)
- The CD-RW is comparably less reflexive than CD which causes more time delay to read.

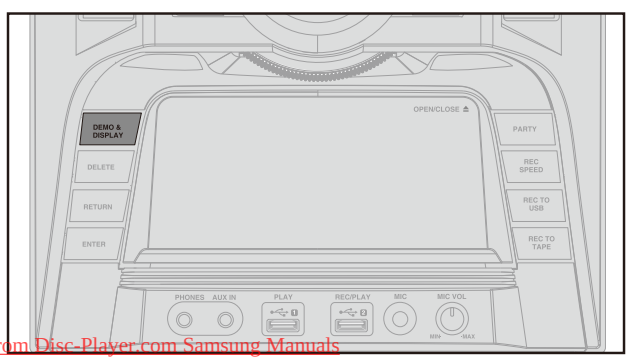
DISPLAY function

You can view all functions available on the display, adjust the brightness of the display and select the Display/LED either on or off.

Each time you press the **DISPLAY** button on the remote control or the **DEMO & DISPLAY** button on the main unit (MX-C830/MX-C850 only), the display mode will change as follows:

- **The Demo function**
  All functions available on the system appear on the front panel display.
- **The Dimmer function**
  The Dimmer function is selected and the display darkens.
- **LED OFF**
  The LED is turned off while the dimmer function is working.
- **Clock ON**
  The Clock you set is displayed.
- **LED/Display ON**
  All Display and LED are turned on.





Setting the Clock

Your system is equipped with a clock which allows you to turn it on and off automatically.
You should set the clock:

- When you first purchase the mini-compact system
- After a power failure
- After unplugging the unit

For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

1 Switch the system on by pressing the **STANDBY/ON (⏻ / I)** button.

2 Press the **TIMER/CLOCK** button twice.
Result: **CLOCK** is displayed.

3 Press the **ENTER (⏎)** button.
Result: The hour flashes.

4

To..	Press the TUNING/ALBUM button.
Increase the hours	^
Decrease the hours	v

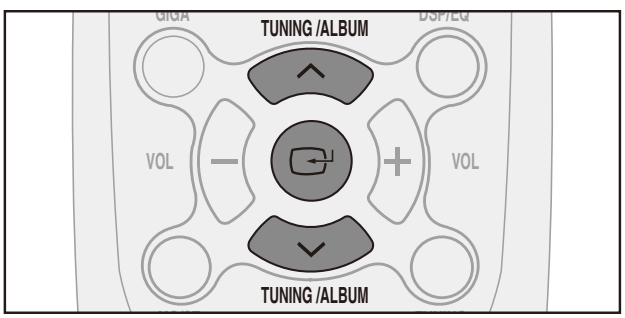
5 When the correct hour is displayed, press the **ENTER (⏎)** button.
Result: The minutes flash.

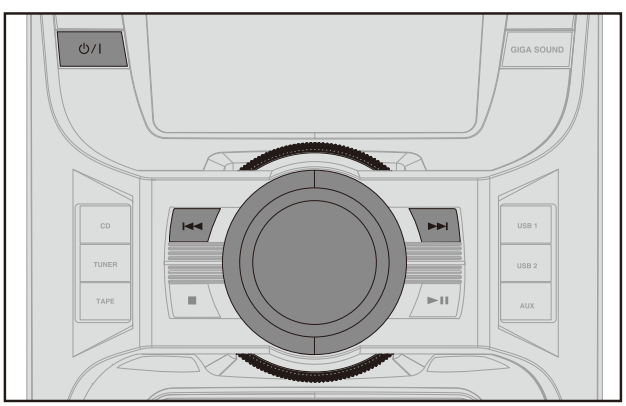
6

To..	Press the TUNING/ALBUM button.
Increase the minutes	^
Decrease the minutes	v

7 When the correct time is displayed, press the **ENTER (⏎)** button.
Result: The clock will be set.

- You can see the time, even when you are using another function, by pressing the **TIMER/CLOCK** once.
- You can also use the ⏮, ⏭ buttons or the **Tuning/Jog Control** on the main unit to instead of the **TUNING/ALBUM** button ^ or v in step **4**, **6**.





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Loading and Changing Compact Discs

The CD disc changer can contain up to three 5 inches or 3 1/2 inches compact discs without using an adapter.

☛ Never force the compact disc carrousel when opening and closing the compartment.
Never press down or place objects on the carrousel.

➢ Always treat your compact discs with care; refer, if necessary, to the section entitled "**Precautions When Using Compact Discs**" on **page 25** .

1 Switch the system on by pressing the **STANDBY/ON (⏻ / I)** button.

2 Press the **OPEN/CLOSE (⏏)** button on the main unit.
Result: The compartment opens.

3 Place one disc in the front slots of the carrousel, with the label on the discs facing upwards.

☛ Check that the compact disc has been correctly inserted in the holder before closing the compartment.

4 If you wish to load another compact disc, press the **DISC CHANGE** button on the main unit (or the **DISC SKIP** button on the remote control).
Result: The carrousel rotates by 120°.

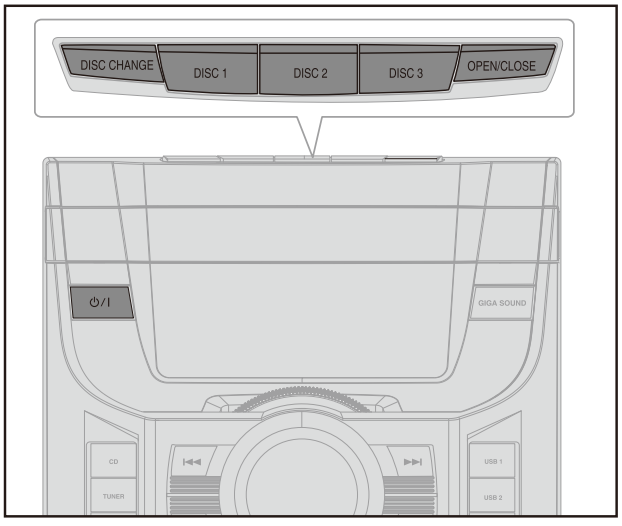
5 Close the compartment by pressing the **OPEN/CLOSE (⏏)** button again.
Result: Playback starts automatically.

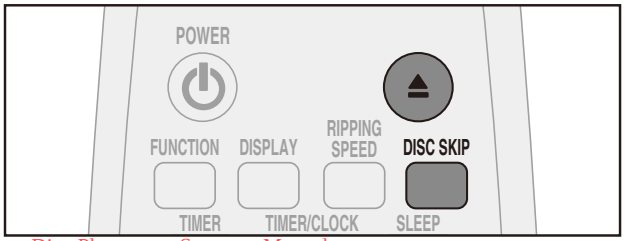
➢ To change or unload the compact disc changer, repeat step 2 to 5.

☛ ◆ Keep the compartment closed whenever you are not using it, to prevent dust from entering.

◆ Do not use force when closing the Compact Disc Compartment, as it may cause damage to the the Compact Disc Compartment.

➢ You can load or unload compact discs when the radio, USB or auxiliary source function is selected, and when you press the **OPEN/CLOSE (⏏)** button, all of the other functions will be changed to the **CD/MP3** mode.





To play the CD/MP3/WMA-CD

This is a player that enables the playback of audio CD, CD-R, CD-RW and MP3/WMA-CD.

☛ Do not use CDs of irregular shapes like heart or octagon shapes.
The performance of the player may be degraded.
At least one CD should be insreted before playing back.

1 Switch the system on by pressing the **STANDBY/ON (⏻ / I)** button.

2 Press the **CD** button on the main unit to select the CD function.
You can select **CD/MP3** by pressing the **FUNCTION** button on the remote control.

3 Insert one or more CDs, or MP3/WMA-CD in each holder of the compact disc compartment.
Result: Playback starts automatically.

➢ ◆ If more than one CD or MP3/WMA-CD are inserted, they are played back in order.
◆ Your CD Player will take a few moments to scan through all the tracks recorded on a particular MP3/WMA-CD.
◆ The English name of the song may be indicated on the display only if directly downloaded from the PC or if the purchased MP3/ WMA-CD is sorted according to titles(directory). (Other languages besides English may not be indicated.)
◆ Song title in English appears on the display only if the file has been downloaded directly from a PC or purchased MP3/WMA-CD is sorted by titles (directory).

<CD/MP3/WMA-CD Playback Display>

Track Indicator — 002 00019 — Playtime Indicator

4 Adjust the volume.

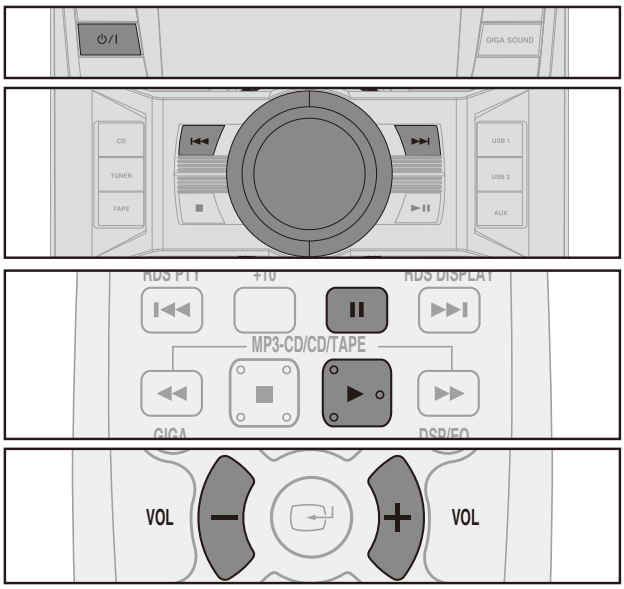
◆ Turn the **VOLUME** knob.
◆ Press the **VOL +** or **—** button on the remote control.
The volume level can be adjust in 31 steps (VOLUME MIN, VOLUME 01- VOLUME 29, and VOLUME MAX).

5 To pause playback temporarily, press the ⏯ button on the main unit.
Press the ⏯ button again to continue playing the disc on the main unit.

To pause playback temporarily, press the **PAUSE** (⏸) button on the remote control.
Press the **PLAY**(▶) button to continue playing the disc on the remote control.

6 To stop playback, press the **STOP** (■) button.

➢ ◆ If there is not even one CD inserted in the CD tray, it is indicated as "**NO DISC**".
◆ If the CD Repeat function is not selected, 3 CDs automatic playback.
◆ The quality of MP3/WMA-CD playback may vary depending on the condition of the disc containing the music files or the condition of the recorder with which the disc was created.
◆ If different types of files or unnecessary folders are on the same disc, you will have problems with playback.
◆ When playing MP3/WMA-CD, LOADING ➞ FILE SEARCH is displayed.



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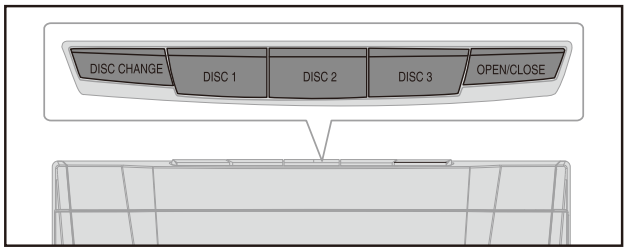
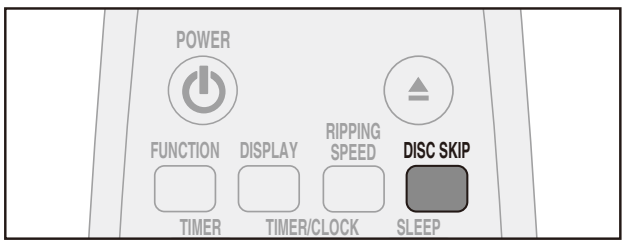
Selecting a CD in the Disc changer

- To select a specific disc, press the **DISC SKIP** button on the remote control, until the required disc indicator flashes.
  Result: Each disc is selected.

or

- Press the **Disc 1, Disc 2** or **Disc 3** button on the main unit to select a specific disc while the Compact Disc Compartment is closed.
- If the selected disc is not loaded, the next disc is played automatically.
- When the Compact Disc Compartment is opened or closed, if you press and hold the **OPEN/CLOSE** button on the main unit over 5 seconds until "LOCK" is on the display, the Compact Disc Compartment will be locked. In the case, you should press and hold the **OPEN/CLOSE** button once again on the main unit until "UNLOCK" is on the display, the Compact Disc Compartment will be unlocked.





Selecting a Track

You can select the track you wish to listen to when a disc is playing.

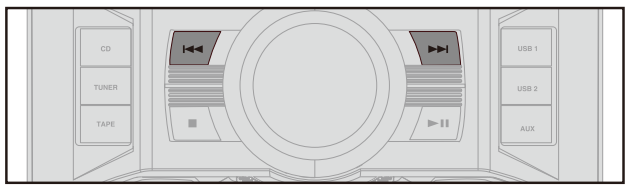
To play the previous track
Press the ⏮ button within 6 seconds after the current track started playing.
Press the ⏮ button twice at least 6 seconds after the current track is started.

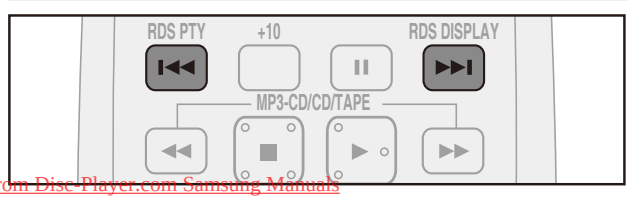
To play the next track
Press the ⏭ button.

To play the current track
Press the ⏮ button 6 seconds later after the current track started playing.

To play the track of your choice
Press the ⏮ or ⏭ button the appropriate number of times.

- You can also use the ⏮, ⏭ button on the remote control to select a track.





Searching a Track/Folder Quickly

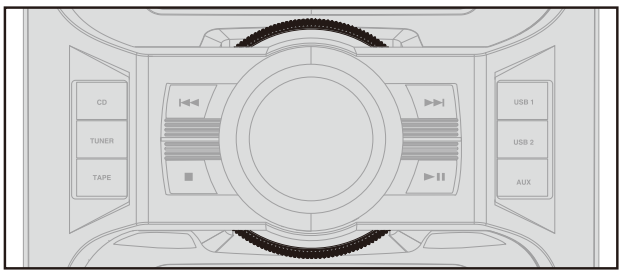
You can select a track/folder directly without the ⏮,⏭ button.

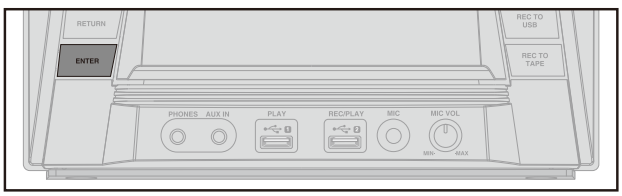
CDDA

1. Turn the **Tuning/Jog Control** left or right on the main unit to select a desired track.
2. Press the **ENTER** button on the main unit.
   - You can move to the selected track directly.

MP3/WMA CD

1. Turn the **Tuning/Jog Control** left or right on the main unit to move to the previous/next folder.
   - Your CD Player will take a few seconds to search the previous/next folder.
   - "SEARCHING" is displayed.
2. When the searching is done, you will see the previous/next folder name. The track will start playing.



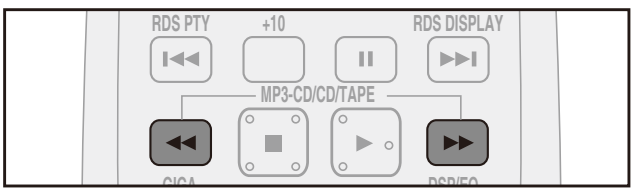


Searching for a Specific Music Passage on a CD

When listening to a compact disc, you can quickly search for a specific music passage on a track.

To search through the tracks...	Press ...
Forwards	▶▶
Backwards	◀◀

- You can also press and hold the ⏮,⏭ button on the main unit to auto search through the tracks.



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Repeating One or All Tracks on the Compact Discs

You can repeat indefinitely:

- A specific track on a compact disc.
- All tracks on the compact disc selected.
- All discs loaded in the carrousel

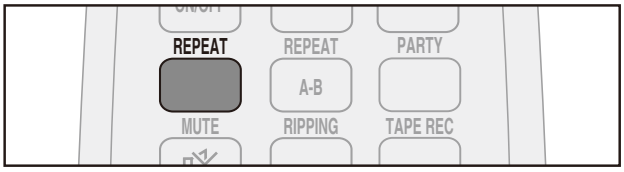
1 Press the **REPEAT** button.
Each time you press the **REPEAT** button, the repeat mode will change as follows:

MP3: REPEAT OFF → REPEAT TRACK → REPEAT DIR → REPEAT ALL → RANDOM

CD: REPEAT OFF → REPEAT TRACK→ REPEAT DISC → RANDOM

2 When you wish to stop the Repeat function, press the **REPEAT** button until **REPEAT OFF** is displayed.

- **REPEAT OFF:** Cancels Repeat Playback.
- **REPEAT TRACK:** Repeatedly plays the selected track.
- **REPEAT DIR:** Repeatedly plays all tracks in the selected folder.
- **REPEAT ALL:** Repeatedly plays all tracks.
- **REPEAT DISC:** Repeatedly plays the entire disc.
- **RANDOM:** Plays tracks in random order.



A-B Repeat Playback

You can repeatedly play back a designated section of a CD.

1 Press the **REPEAT A-B** button at the beginning of desired part.

- **REPEAT A-** will be displayed.

2 Press the **REPEAT A-B** button at the ending of desired part.

- **REPEAT A-B** will be displayed.

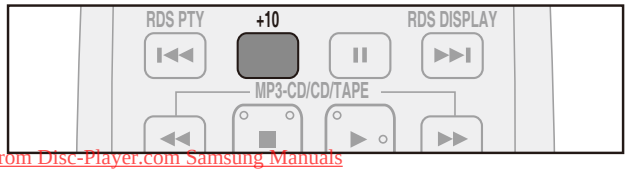
3 To cancel the REPEAT A-B function, press **REPEAT A-B** button again.
'REPEAT OFF' will be displayed.

Function to skip through 10 tracks at a time

Press the +10 button briefly while playing back a CD or an MP3/ WMA-CD. The 10 tracks after the current one will be played back.

Example: If you press the **+ 10** button during the track 2 playback, you can listen to the track 12 directly.

➢ When pressing the +10 button results in a larger track number than the total tracks, it skips to the first track.



Programming the Order of CD Playback
(This function is not available during playback of an MP3/WMA-CD.)

You can decide:

- The order of the track desired to listen
- The track not desired to listen

  - You can program up to 24 tracks.
  - You must stop the compact disc player before selecting the tracks.

1 If the CD function is selected, stop the player by pressing the **STOP** (■) button.

2 Press the **ENTER** ( ) button.
Result: The following indications are displayed:

PROG 01: --

(01 = Program No., -- = Track No.)

3 Select the required track by pressing the ⏮, ⏭ button:

➢
- Press the ⏮ button to move back through the tracks.
- Press the ⏭ button to move forward through the tracks.

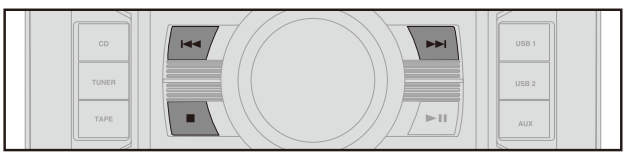
4 Press the **ENTER** ( ) button to confirm your selection.
Result: The selection is stored and PROG 02: -- is displayed.

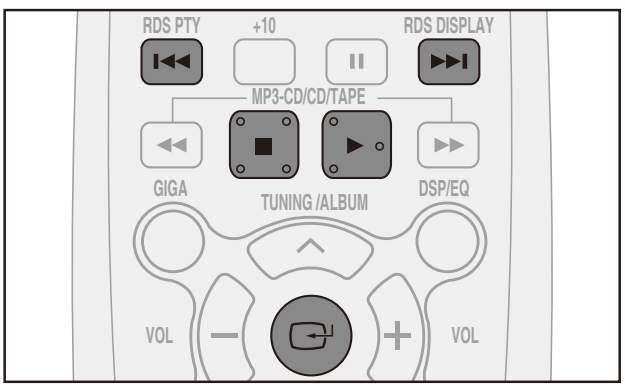
5 To select other tracks, repeat Steps **3** to **4**.

6 Press the **PLAY** (▶) button to listen to the selected tracks in the order programmed.

7 To stop playing, press the **STOP** (■) button once.
To cancel the selected tracks, press the the **STOP** (■) button again.

➢ If you open the Compact Disc Compartment or turn off the power, the selection is canceled.





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Checking or Changing Programmed CD Tracks

You can check or change your selection of tracks at any time.

1 Press the **STOP** (■) button once if you have started listening to the selected tracks.

2 Press the **ENTER ( )** button.
Result: The following indications are displayed:

CH 01: 01

(CH = Check, 01=Program No., -- = Track No.)

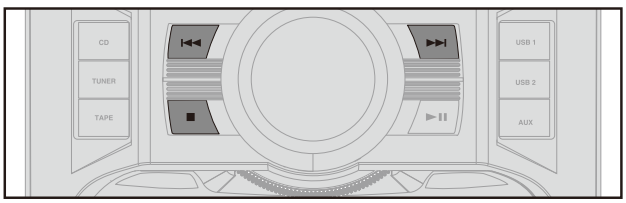
➢ If you have already programmed 24 tracks, **CH** is displayed instead of **PROG** when you press the **ENTER ( )** button.

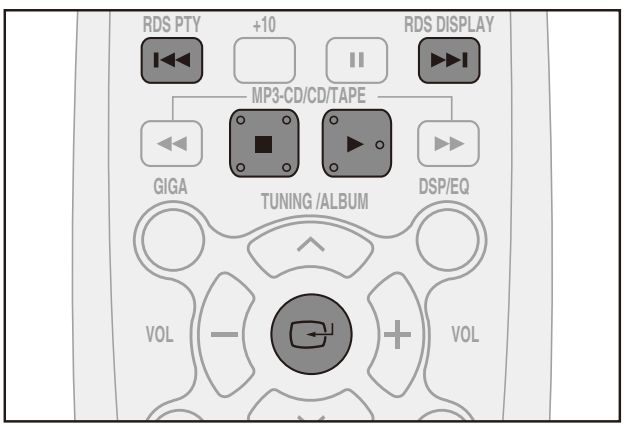
3 Press the **ENTER ( )** button once or more times until the track to be changed is displayed.

4 Press the ⏮ or ⏭ button to change a programmed track.

5 Press the **ENTER ( )** button to confirm your change.

6 Press the **PLAY** (▶) button to start listening to the selected tracks. The first track selected is played.





Listening to a Cassette Tape

➢ Always treat your cassettes with care; refer, if necessary, to the section entitled “Precautions When Using Audio Cassettes” on page 25.

ENG

1 Switch the system on by pressing the **STANDBY/ON (/)** button.

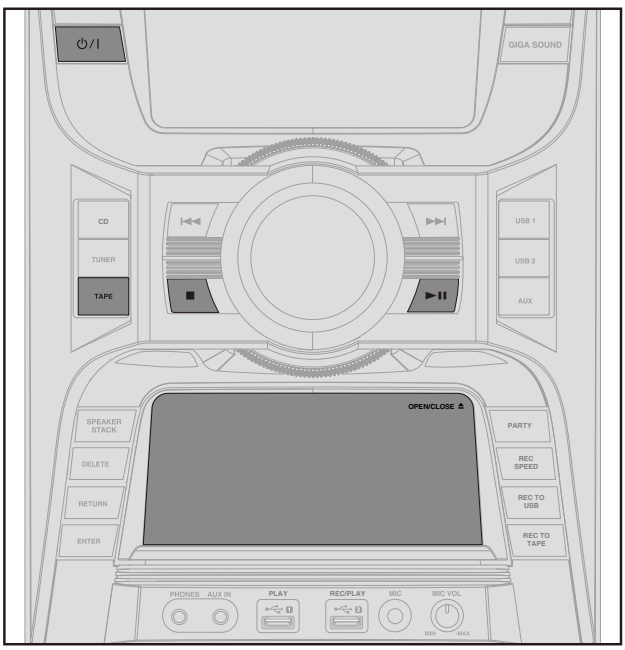
2 Select TAPE by pressing the **TAPE** button on the main unit.
You can select TAPE by pressing the **FUNCTION** button on the remote control.

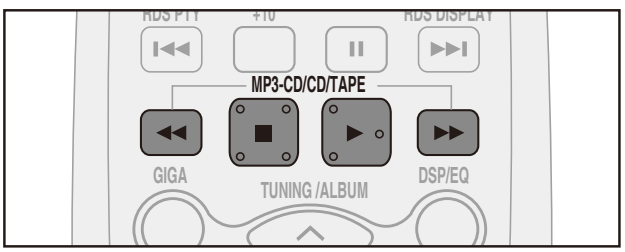
3 Press **OPEN/CLOSE (⏏)** of the cassette deck to open the cassette door and insert a cassette.
- Insert a cassette tape with the recording/playback side facing the cassette holder, and then close the cassette deck.

4 Press the ▶ button on the remote control or the ⏯ button on the main unit.
The cassette starts playing.

5 Press the ◀◀ or ▶▶ button if necessary.
- Rewind: Press the ◀◀ button.
- Fast-forward: Press the ▶▶ button.

6 When you have finished playback, press the **STOP** (■) button.





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Recording on a Cassette Tape

You can record sound of the CD, the Radio Broadcasting or sound from the external source(ex. AUX, USB) on the Cassette Tape.

1 Switch the system on by pressing **STANDBY/ON** (⏻/I) button.

2 Insert a blank cassette tape in the Cassette Deck.

3 Load a Disc, adjust the Radio frequency or connect the external source/USB device to the main unit.

CD (See page 12)

- Press the **CD** button on the main unit to select the CD function.
- Press the **OPEN/CLOSE** (⏏) button to open the Compact Disc Compartment.
- Insert a CD and press the **OPEN/CLOSE** (⏏) button to close the Compact Disc Compartment.
- Use the ⏮ or ⏭ button to select the desired song.

Tuner (See page 19)

- Press the **TUNER** button on the main unit to select the Radio function.
- Adjust the Radio frequency you want to record.

USB Device (See page 16)

- Connect the external USB storage device to the USB jack 1 or the USB jack 2 on the main unit.
- Press the **USB 1** or **USB 2** button on the main unit to select the USB mode.
- Play a song on your USB device.

External Source(See page 10)

- Connect an External Component/MP3 player to the main unit.
- Press the **AUX** button to select the AUX input.

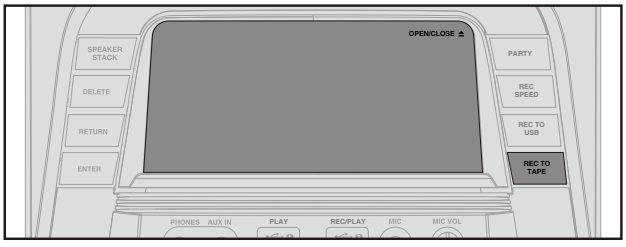
4 Press the **REC TO TAPE** button on the main unit or the **TAPE REC** button on the remote control to start recording.

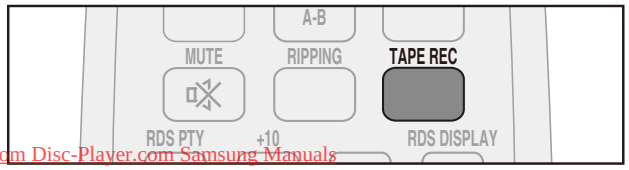
You can record a CD on a cassette tape in two different ways.

- Direct recording: If you want to start recording the selected track directly, press the **REC TO TAPE** button.
- Synchronised recording:
  - If you want to start recording from the current track, press and hold the **REC TO TAPE** button while in Play/Pause mode.
  - If you want to start recording from the first track of the CD disc, press and hold the **REC TO TAPE** button while in Stop mode.
  - When CD Synchronized recording, just only the **STOP**, **VOLUME** and **POWER** buttons can work.
  - When CD Synchronized recording, if you use the MIC, the MIC voice will be recorded together.
  - If you want to record MIC voice, connect the MIC Jack before start recording.

5 To stop recording, press the **STOP** (■) button.

➢ When the TAPE recording, the DSP/EQ and GIGA SOUND functions can not work and automatically change to PASS.





Playing USB

You can play MP3/WMA files by connecting to various external USB storage devices such as USB flash memory or HDD(Hard Disc drives).

1 Connect the external USB storage device to the USB jack 1 or the USB jack 2 of the main unit.

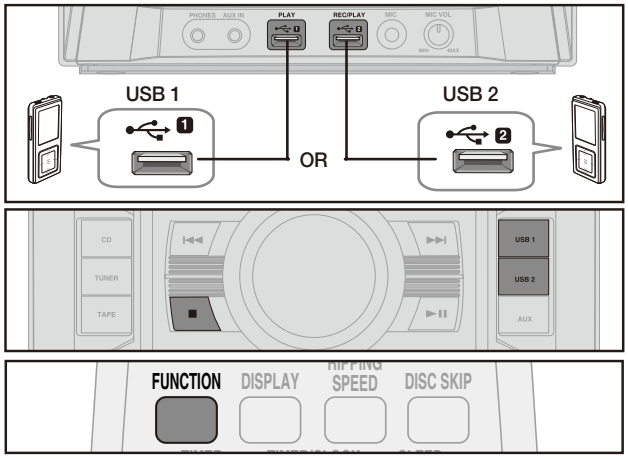
2 Select the USB mode by pressing the **USB1** or **USB 2** button on the main unit.
You can select USB1 or USB2 by pressing the **FUNCTION** button on the remote control.

- The first track of the first directory plays automatically.
- The play order is as below:

If you select USB1, USB1 ➡ USB2 ➡ STOP.
If you select USB2, USB2 ➡ STOP.

➢ **To stop playing**
Press the **STOP** (■) button to stop playing.

➢ **To remove the USB device**
If you press the **STOP** (■) button once again, you can remove the USB device safely.



☛
- Do not connect a USB charging device to the USB connection port on the main unit, because it may cause damage to the product.
- If you connect a USB drive during the disc playback, the current track is paused for a while.

Please be aware of the following before using USB.

- Some external USB storage devices may not be compatible with this player.
- With the external HDD, the FAT format can be played, however, the NTFS format can not.
- With the USB 2.0 HDD, connect to a separate power source. If it's not connected to a separate power source, it may not work.
- If an external USB storage has more than one partition, files only from the first partition can be played.
- DRM applied files are not played. Digital Rights Management (DRM): Technology and service that protect the profit and rights of copyright owners by disallowing unauthorised use of digital contents.
- Even if the file name ends with .mp3, the file does not play if the actual file format is the MPEG layer 1 or 2.
- Do not use a USB hub as it will not be recognized.
- Up to 16 letters of the MP3/WMA file name will be shown.

Delay

- When selecting the USB function, file reading (READ-IN) may take several minutes.
- When playing a USB device, there may be delay with advancing to the next track, especially with USB external HDD device. The operation time of external USB storage devices will vary; even when they are of the same capacity.
- If the external USB storage device supports only USB VER1.1 and its access speed is slow, file may not properly play back.

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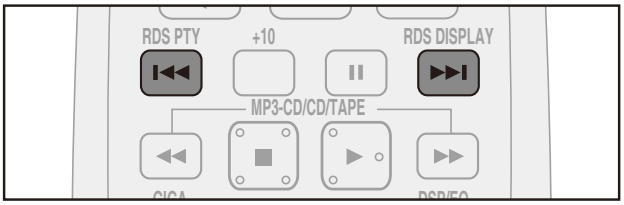
Selecting a Track from USB Device

You can select an MP3 file during the playback.

Before you begin! ◆ Connect the external USB storage device to the USB jack 1 or the USB jack 2 of the main unit.
◆ Select the USB mode by pressing the USB1 or USB 2 button on the main unit.

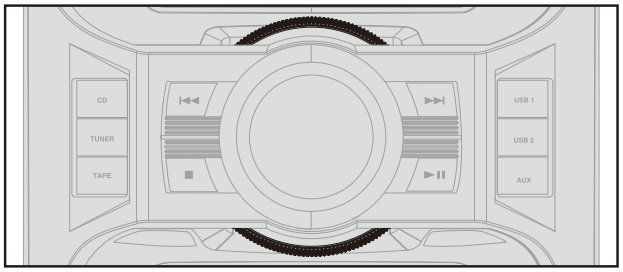
You can select the track same as CD playback, refer to page 13.



Searching a Folder Quickly

1 Turn the **Tuning/Jog Control** left or right on the main unit or press the **TUNING/ALBUM** button on the remote control to move to the previous/next folder.

2 When the searching is done, you will see the previous/next folder name. The track will start playing.



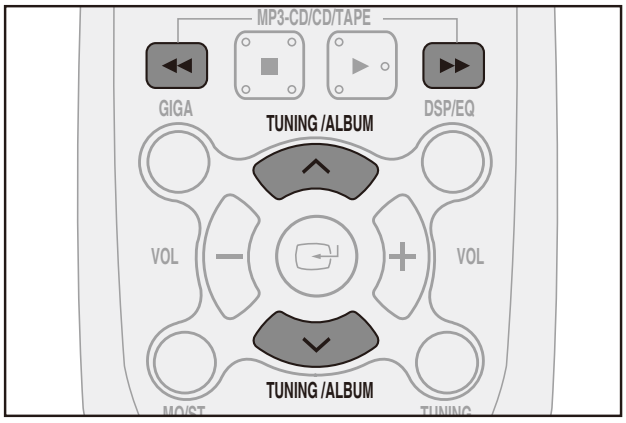
To use high speed search

Before you begin! ◆ Connect the external USB storage device to the USB jack 1 or the USB jack 2 of the main unit.
◆ Select the USB mode by pressing the USB1 or USB 2 button on the main unit.

You can search the desired section quickly during the play.

➢ Press the ◀◀, ▶▶ button.
◆ Whenever you press the button, you can search backward or forward quickly.

☛ When you use the high speed search function, there is no sound.



To repeat

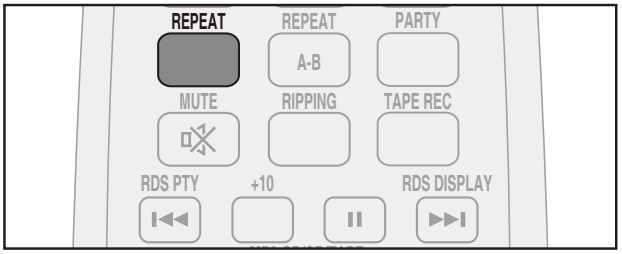
Before you begin! ◆ Connect the external USB storage device to the USB jack 1 or the USB jack 2 of the main unit.
◆ Select the USB mode by pressing the USB1 or USB 2 button on the main unit.

---

1 Press the **REPEAT** button.
Each time you press the **REPEAT** button, the repeat mode will change as follows:
REPEAT OFF → REPEAT TRACK → REPEAT DIR → REPEAT ALL → RANDOM

2 When you wish to stop the Repeat function, press the **REPEAT** button until **REPEAT OFF** is displayed.

- **REPEAT OFF:** Cancels Repeat Playback.
- **REPEAT TRACK:** Repeatedly plays the selected track.
- **REPEAT DIR:** Repeatedly plays all tracks in the selected folder.
- **REPEAT ALL:** Repeatedly plays all tracks.
- **RANDOM:** Plays tracks in random order.



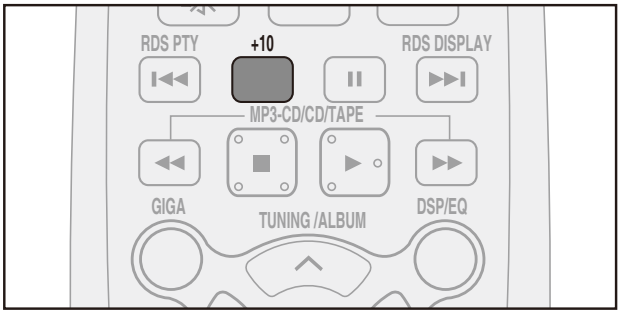
To skip next 10 tracks

Before you begin! ◆ Connect the external USB storage device to the USB jack 1 or the USB jack 2 of the main unit.
◆ Select the USB mode by pressing the USB1 or USB 2 button on the main unit.

Press the **+10** button while playing back the file of the USB device.

➢ ◆ Example: If you press the **+ 10** button during the playback the track 2, you can listen to the track 12 directly.

◆ When pressing the +10 button results in a larger track number than the total tracks, it skips to the first track.



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To delete a file

You can delete a file on your USB device.

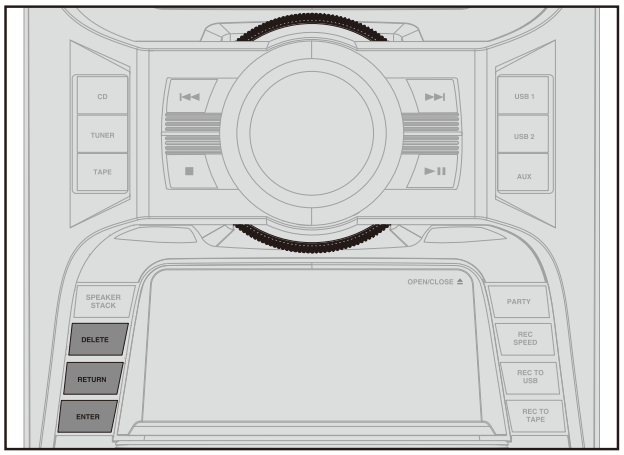
➢ This function only works in the USB jack 2 /USB 2 mode.

1 Play a file you want to delete.

2 Press the **DELETE** button on the main unit.

3 Turn the **Tuning/Jog Control** left or right on the main unit to select YES.
- To cancel the selection, press the **RETURN** button on the main unit.

4 Press the **ENTER** button on the main unit.
- The selected file will be deleted.



Recording Function

You can record sound of the CD/Cassette Tape, the Radio Broadcasting or sound from the external source into the USB storage device.

1 Switch the system on by pressing the **STANDBY/ON** (⏻/I) button.

2 Connect the external USB storage device you want to record to the USB jack 2 (⇠ 2) of the main unit.

3 Play a Disc or a Cassette Tape, adjust the Radio frequency or connect the external source to the main unit.

CD (See page 12)

- Press the **CD** button on the main unit to select the CD function.
- Press the **OPEN/CLOSE (⏏)** button to open the Compact Disc Compartment.
- Insert a CD and press the **OPEN/CLOSE (⏏)** button to close the Compact Disc Compartment.
- Use the ⏮ or ⏭ button to select the desired song.

Tuner (See page 19)

- Press the **TUNER** button on the main unit to select the Radio function.
- Adjust the Radio frequency you want to record.

Cassette Tape (See page 15)

- Press the **TAPE** button on the main unit to select the cassette tape function.
- Press **OPEN/CLOSE (⏏)** of the cassette deck to open the cassette door and insert a cassette.
- Play a cassette tape.

External Source (See page 10)

- Connect an External Component/MP3 player to the main unit.
- Press the **AUX** button to select the AUX input.
- Play a song from the external device.

4 Press the **RIPPING** button on the remote control or the **REC TO USB** button on the main unit to start recording.

CD

- "TRACK RECORDING" is displayed and CD recording starts.
- Press and hold the **RIPPING** button on the remote control to start recording all tracks of Disc.
  "FULL CD RECORDING" is displayed.
- If you record the MP3 CD, the file is copied into the USB device totally.
  "CHECK FILE" ➡ "FILE COPY" ➡ "COMPLETE" is displayed.
  When the recording is done, "STOP" will be displayed.
- If there is the same file name, "CHECK FILE" ➡ "FILE EXISTED" is displayed, and the function is canceled.

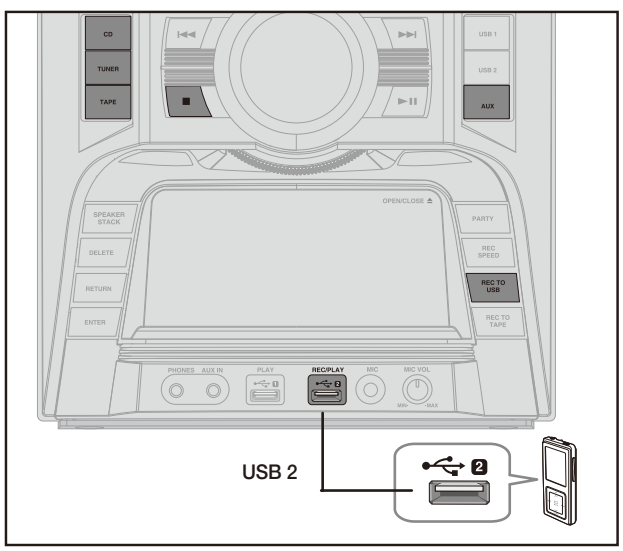
Tuner/Cassette Tape/External Source

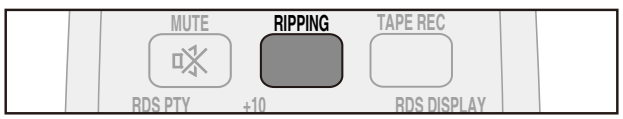
- "RECORDING" is displayed.

5 To stop recording press the **STOP** (■) button, then it automatically creates and saves as an MP3 file.

6 To remove the USB device safely, press the **STOP** (■) button once again. After the recording, a directory named "RIPPING"(CD), "CD COPY"(MP3 CD), "TUNER RECORDING", "TAPE RECORDING" or "AUX RECORDING", will be created in your device.

➢
- Do not disconnect the USB or the AC Cord during the recording as this may cause file damage.
- If you disconnected USB device during the recording, the main unit will be power off and you may not delete the recorded file, In this case, please connect the USB device to the PC and backup the USB data on the PC first and then format the USB device.
- When the USB memory is not enough, it will be displayed "NOT ENOUGH MEMORY".
- The recording works if the USB device or the HDD is formatted in the FAT file system. (The NTFS file system is not supported.)
- When you use CD high speed search function, the CD recording can't work.
- Sometimes, the recording time may be longer with some USB devices. (See page 16)
- In the program mode, you can't use the CD recording function. (See page 14)
- When the USB recording, the **DSP/EQ** and **GIGA SOUND** functions can not work and automatically change to **PASS**.
- When the CD recording, the REPEAT function can not work and automatically changes to **OFF**.
- Even if you use the MIC function during the CD recording, the Microphone voice will not be recorded.
- You can not record the radio when searching or no available frequencies in the Tuner mode.





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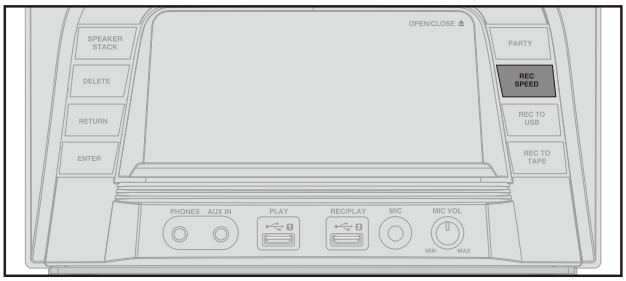
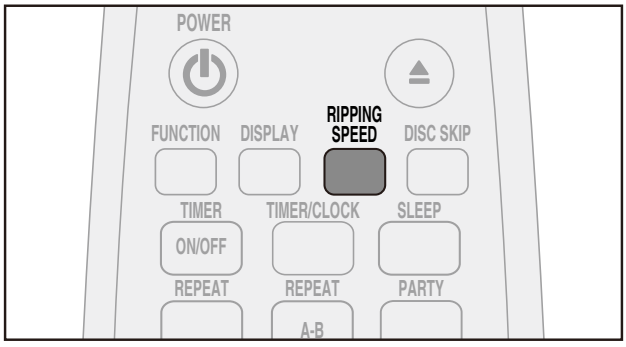
Recording Speed

Each time you press the **RIPPING SPEED** button on the remote control or the **REC SPEED** on the main unit, the recording speed will change as follows:
REC SPEED x 1 → REC SPEED x 3

- For recording from the Tuner, Cassette Tape or from an external source, changing the recording speed is not supported.
- When you select REC SPEED x 3, the audio sound will not be output.





Searching for and Storing the Radio Stations

You can store up to: 15 FM stations

Before you begin!

- See the radio receiving method (FM) on the page 20.

1 Switch the system on by pressing the **STANDBY/ON** (⏻/I) button.

2 Select TUNER by pressing the **TUNER** button on the main unit.
You can select TUNER by pressing the **FUNCTION** button on the remote control.

3 Select FM by pressing the **TUNER** button again in the TUNER mode on the main unit.

4

To search for a station	Press the TUNING MODE button on the remote control
Preset	Once or more times until **PRESET** is displayed. You can search the stored frequencies in the Preset mode.
Automatically	Once or more times until **AUTO** is displayed. You can automatically search the frequencies in the Auto mode.
Manually	Once or more times until **MANUAL** is displayed. You can search the frequencies one by one in the Manual mode.

5 Select the station to be stored by:

- Pressing the **TUNING/ALBUM** ∧ or ∨ button on the remote control.

or

Turning the **Tuning/Jog Control** left or right to search the station.

- To scroll through the frequencies faster when searching manually, press and hold the **TUNING/ALBUM** ∧ or ∨ on the remote control.
- The automatic search procedure may stop on a frequency that does not correspond to a radio station. If this happens, use the Manual mode.

6 Adjust the volume.

- Turn the **VOLUME** knob on the front panel.

or

- Press the **VOLUME +** or **–** button on the remote control.

7 Select the FM Stereo or Mono mode by pressing the **MO/ST** button.

8 If you do not want to store the radio station found, revert to Step **5** and search for another station.
Otherwise:

a Press the **ENTER** (↵) button.

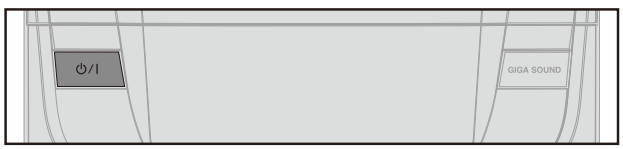
b Press the ⏮ or ⏭ button on the main unit or press the **TUNING/ALBUM** ∧ or ∨ button on the remote control to assign a program number.

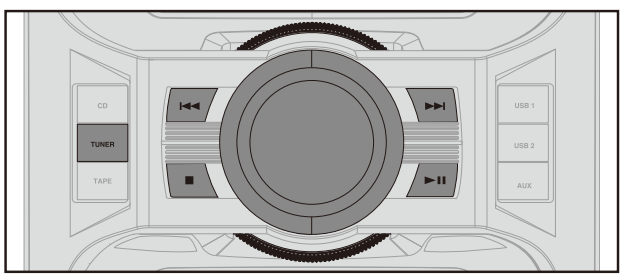
c Press the **ENTER** (↵) button to store the radio station.

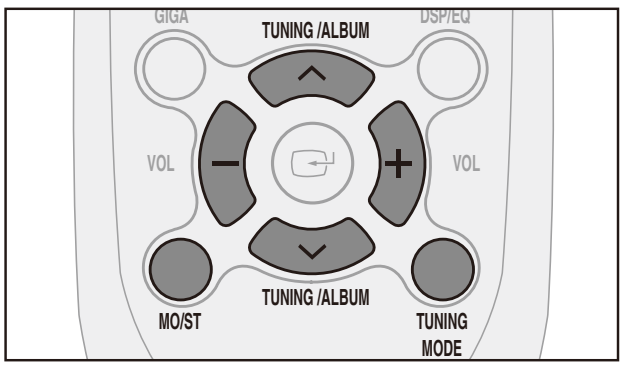
9 To store any other radio frequencies required, repeat Steps **4** to **8**.

In the Tuner mode

- In the Manual mode, you can use ⏮ or ⏭ button on the main unit to manual search a radio station.
- During the Auto mode searching, press the **STOP** (■) button to stop auto searching.
- In the Preset mode, you can use the ⏮ or ⏭ button or the **Tuning/Jog Control** on the main unit to search a stored radio station.
- This unit does not receive AM broadcasts.







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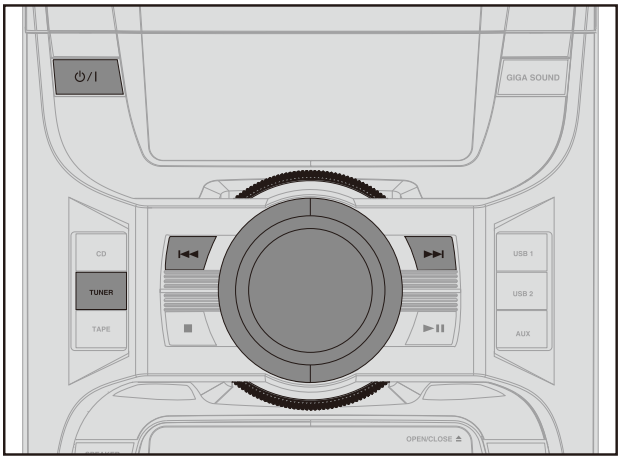
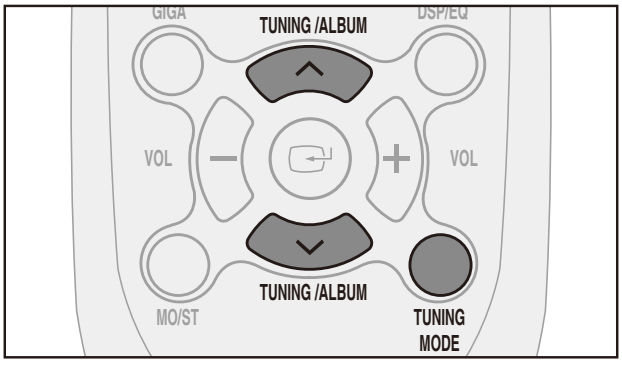
Selecting a Stored Station

You can listen to a stored radio station as follows:

1. Switch the system on by pressing the **STANDBY/ON (⏻ / I)** button.
2. Select TUNER by pressing the **TUNER** button on the main unit.
   You can select TUNER by pressing the **FUNCTION** button on the remote control.
3. Press the **TUNING MODE** button on the remote control until "**PRESET**" is displayed.
4. Press ⏮ or ⏭ to select the stored station on the main unit.
   or
   Turn the **Tuning/Jog Control** left or right on the main unit to select the stored station.
   or
   Select the stored station by pressing the **TUNING/ALBUM** ∧ or ∨ button on the remote control.
   Result: The stored station is now received.

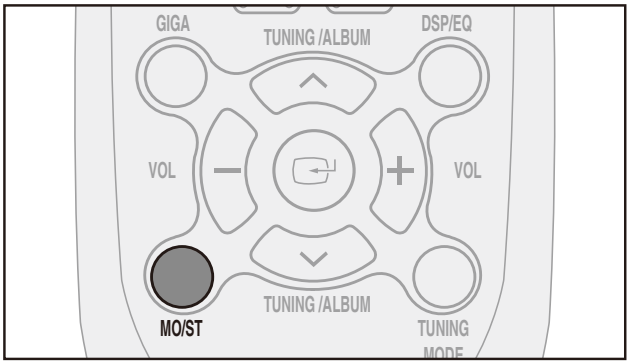




Improving Radio Reception

You can improve the quality of radio reception by:

- Rotating the FM antenna
- Testing the positions of the FM antenna before fixing them permanently
- If reception from a specific FM radio station is poor, press the **MO/ST** button to switch from stereo mode to mono.
  The quality of the sound will be improved.



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Timer Function

The timer enables you to switch the system on or off at specific times automatically.
Example: You wish to wake up to music every morning.

- ◆ Before setting the timer, check that the current time is correct.
- ◆ For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

➢ If you no longer want the system to be switched on or off automatically, you must cancel the timer by pressing the **TIMER ON/OFF** button.

1 Switch the system on by pressing the **STANDBY/ON (⏻ / I)** button.

2 Press the **TIMER/CLOCK** button until **PLAY TIMER** is displayed.

3 Press the **ENTER (⏎)** button.
Result: **ON TIME** is displayed for a few seconds, followed by any switch-on time already set; you can set the timer switch-on time.

4 Press the **ENTER (⏎)** button.

5 Set the timer switch-on time.
a Press the **TUNING/ALBUM** ∧ or ∨ button.
b Press the **ENTER (⏎)** button.
Result: The minutes flash.
c Press the **TUNING/ALBUM** ∧ or ∨ button.
b Press the **ENTER (⏎)** button.
Result: **OFF TIME** is displayed for a few seconds, followed by any switch-off time already set; you can now set the timer switch-off time.

6 Set the timer switch-off time.
a Press the **TUNING/ALBUM** ∧ or ∨ button.
b Press the **ENTER (⏎)** button.
Result: The minutes flash.
c Press the **TUNING/ALBUM** ∧ or ∨ button.
d Press the **ENTER (⏎)** button.
Result: **VOL XX** is displayed, where **XX** corresponds to the volume already set.

7 Press the **TUNING/ALBUM** ∧ or ∨ button to adjust the volume level and press the **ENTER (⏎)** button.
Result: The source to be selected is displayed.

8 Press the **TUNING/ALBUM** ∧ or ∨ button to select the desired source to be played when the system switches on.

If you select...	You must also...
FM(radio)	**a** Press the **ENTER (⏎)** button.
	b Select a preset station by pressing the **TUNING/ALBUM** ∧ or ∨ button.
CD/MP3 (compact disc)	Load one or more compact discs.
TAPE	Insert a Cassette Tape.
USB1/USB2	Connect the USB device.

9 Press the **ENTER (⏎)** button to confirm the timer.

10 Press the **STANDBY/ON (⏻ / I)** button to set the system to standby mode.
Standby mode: The power is turned off while the main unit is plugged in AC power supply.
The system will switch on and off automatically at the required times.

➢
- ◆ If the timer switch on and off times are identical, **ERROR** is displayed.
- ◆ You may use the ⏮, ⏭ buttons or the **Tuning/Jog Control** on the main unit instead of the **TUNING/ALBUM** ∧ or ∨ button to follow steps 5 to 9 above.

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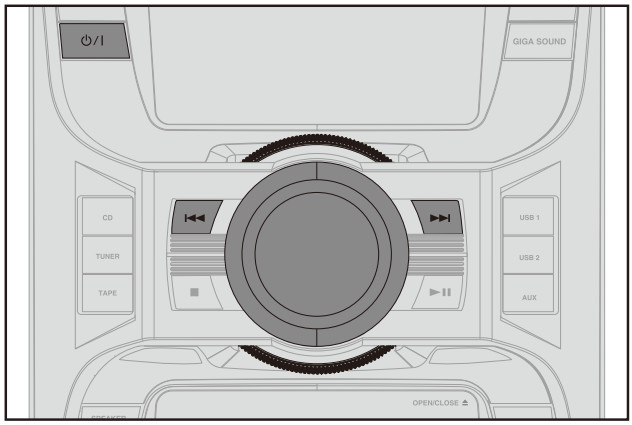
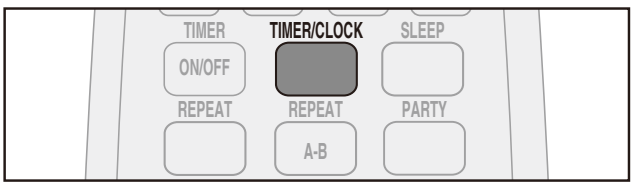
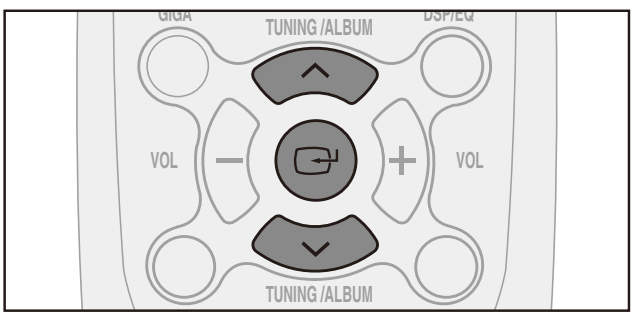


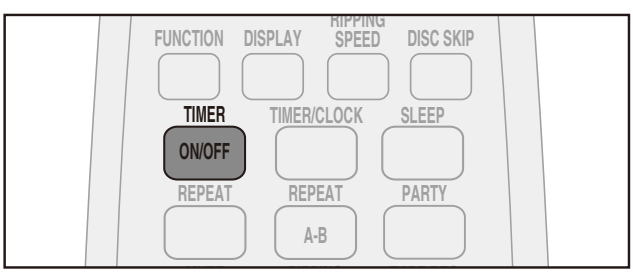




Cancelling the Timer

After having set the timer, it will start automatically as shown by the TIMER indication on the display. If you no longer wish to use the timer, you can cancel it.

To...	Press the TIMER ON/OFF button....
Cancel the timer	Result: ⏲ is no longer displayed.
Restart the timer	Result: ⏲ is displayed again.



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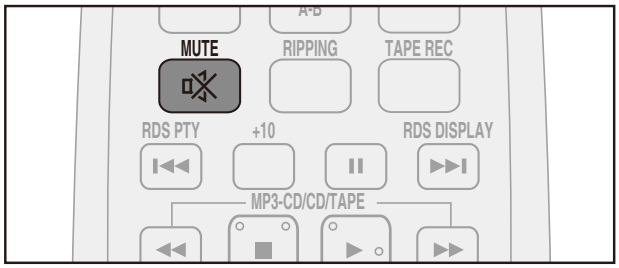
Mute Function

You can turn the sound off temporarily on your system.
Example: You wish to answer a telephone call.

1 Press the **MUTE** button.

2 To switch the sound back on, press the **MUTE** button again or the **VOLUME** button.



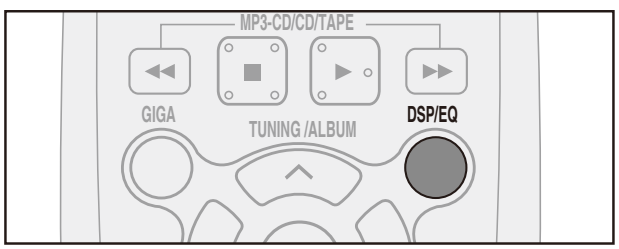
Selecting the DSP/EQ Mode

Your mini-compact system is equipped with a preset equalizer that allows you to choose the most appropriate balance between treble and bass frequencies, according to the type of music you are listening to CD.

1 Press the **DSP/EQ** button until the required option is selected.

Select...	To obtain a...
PASS	Normal balance (linear)
PARTY	Balance suitable for Party Music
SAMBA	Balance suitable for Samba Music
REGGAE	Balance suitable for Reggae Music.
POP	Balance suitable for Pop Music
ROCK	Balance suitable for Rock Music
HIP HOP	Balance suitable for Hip Hop Music
JAZZ	Balance suitable for Jazz Music
CLASSIC	Balance suitable for Classic Music
VOCAL	You will hear the vocal part strongly.
CUMBIA	Balance suitable for Cumbia Music
MUSIC	Balance suitable for Normal Music.
CINEMA	Balance suitable for cinema.
MATRIX	You will hear multi channel surround sound.

➢ If the Speaker Stack function is set to On, you can't select MUSIC, CINEMA and MATRIX.(MX-C870 only)



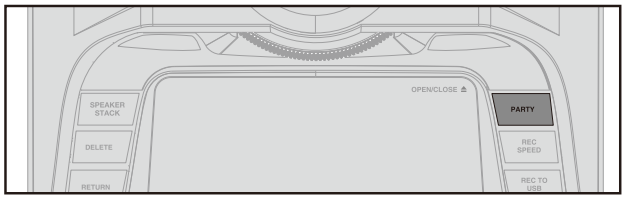
Party Function

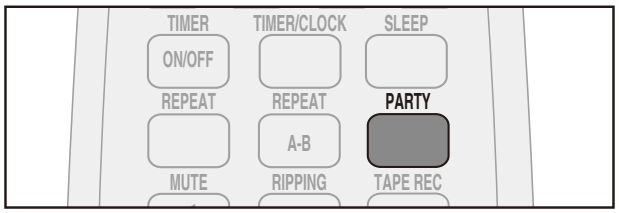
Your mini-compact system has a special effect light. When you select PARTY mode, the light will change with the music playback.

1 Press the **PARTY** button.
Each time you press the **PARTY** button on the main unit, the party mode will change as follows:

OFF → PARTY 1 → PARTY 2 → PARTY 3

You can choose a desired party mode.



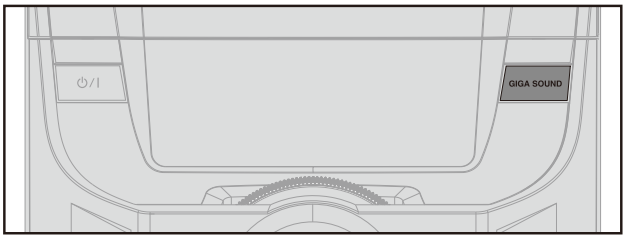


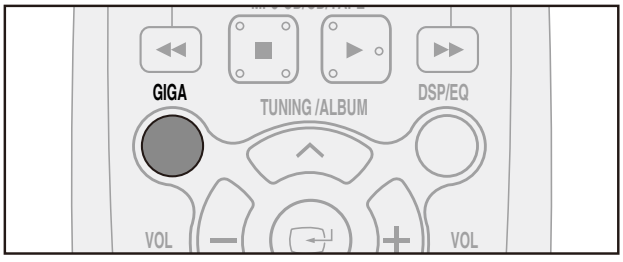
GIGA SOUND function

Your mini-compact system is equipped with the GIGA SOUND function. The GIGA SOUND function amplifies bass and improves high key or bass twice as much for you to appreciate powerful real sound.

1 Press the **GIGA SOUND** button on the main unit or the **GIGA** button on the remote control.
Result: "**GIGA SOUND**" is displayed.

2 To cancel this function, press the **GIGA** button again, "**PASS**" is displayed for a few seconds.





➢ If you use the Microphone, GIGA SOUND will automatically turn off. Even if you remove the Microphone, it will not turn on.

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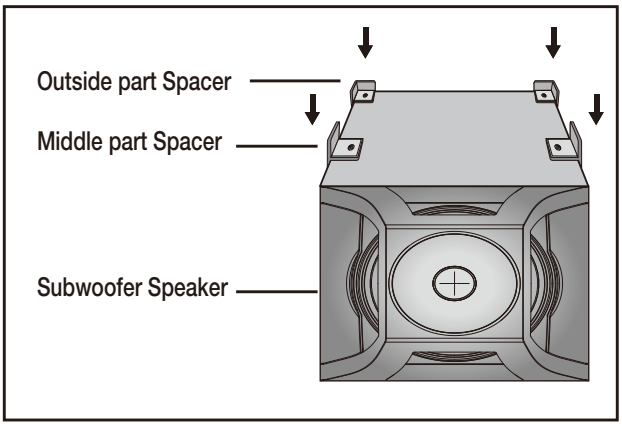
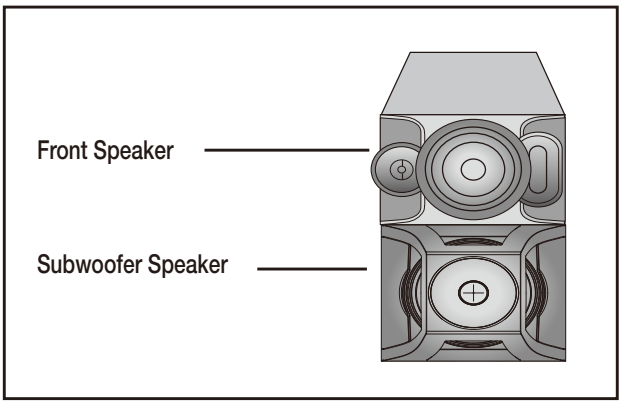
Stacking the Speakers (MX-C870 Only)

You can stack and install the speakers as described in the figure.

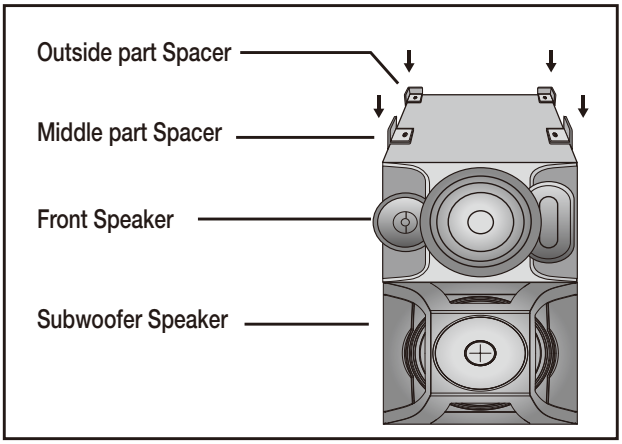
1 Face 4 Spacers(Middle part 2EA/Outside part 2EA) on the holes of the Subwoofer(L) and fix them.



2 Stack the Front Speaker(L) horizontally on the Subwoofer(L).

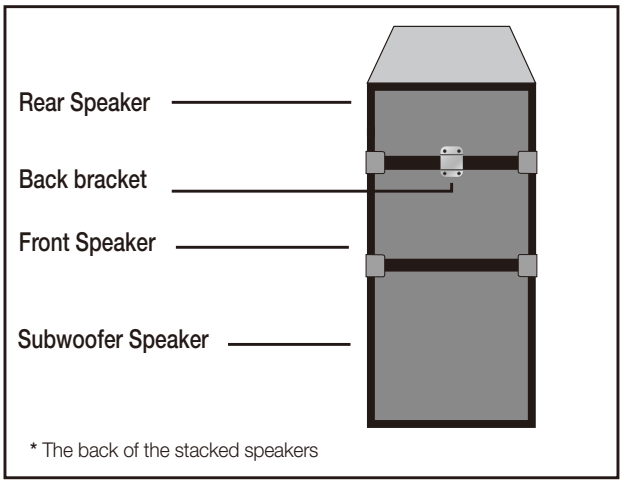


3 Face 4 Spacers(Middle part 2 EA/Outside part 2 EA) on the holes of the Front Speaker(L) and fix them.



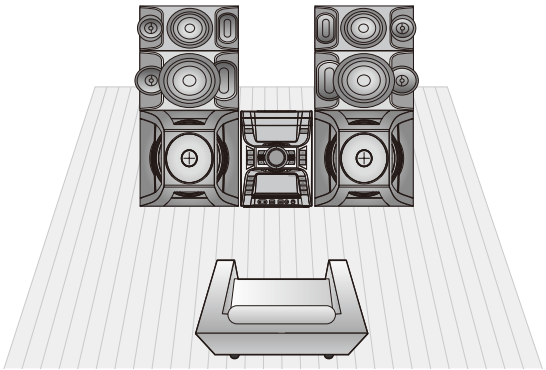
4 Stack the Rear Speaker(L) horizontally on the Front Speaker (L).

5 To fix securely the speakers, attach the back bracket on the back of the Front and Rear speakers (L) by fastening provided 4 screws.



◆ Follow steps 1-5 above to stack the Right Speakers.

6 This is the completion of the speaker stack.

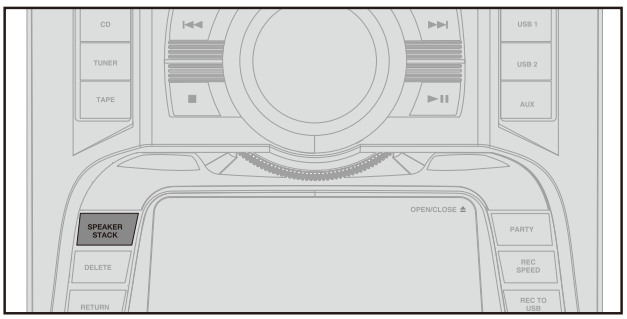


Speaker Stack function (MX-C870 only)

If the speakers is placed at equal distances by stacking them from the listening position, you can listen to music automatically recognizing the distance between speakers and optimizing each speaker's sound.

Each time you press the **SPEAKER STACK** button on the main unit, you can toggle between **STACK ON** and **STACK OFF**.

➢ If you use the headphones, TAPE Recording and USB Recording, the SPEAKER STACK will automatically change to STACK OFF mode.



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ENG

Setting the System to Switch off Automatically

While listening to music, you can set the system to switch off automatically.

1 Press the **SLEEP** button.
Result: The playback starts and the following indications are displayed:

SLEEP 90 MIN

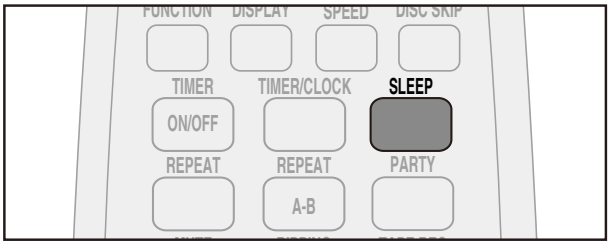
2 Press the **SLEEP** button once or more times to indicate how long the system should continue playing before it switches off:

SLEEP 90 MIN → SLEEP 60 MIN → SLEEP 45 MIN → SLEEP 30 MIN → SLEEP 15 MIN → SLEEP OFF

➢ At any time, you can:

- Check the remaining time by pressing the **SLEEP** button.
- Change the remaining time by repeating steps **1** and **2**.

3 To cancel the SLEEP function, press **SLEEP** once or more times until **SLEEP OFF** is display.



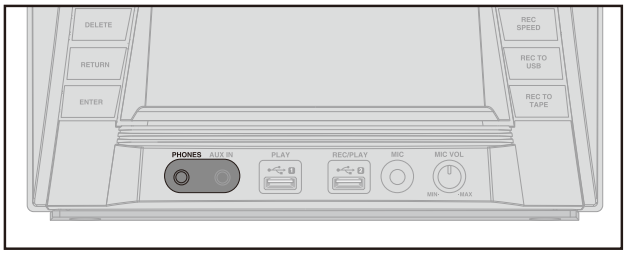
Connecting Headphones

You can connect a set of headphones to your mini-compact system so that you can listen to music or radio programme without disturbing other people in the room. The headphones must have a 3.5ø jack or an appropriate adapter.

Connect the headphones to the **PHONES** jack on the main unit.
Result: The speakers are no longer used to output the sound.

☛ ◆ Prolonged use of headphones at a high volume may damage your hearing.

➢ ◆ If you use the headphones, GIGA SOUND will automatically turn off. Even if you remove the headphones, it will not turn on.

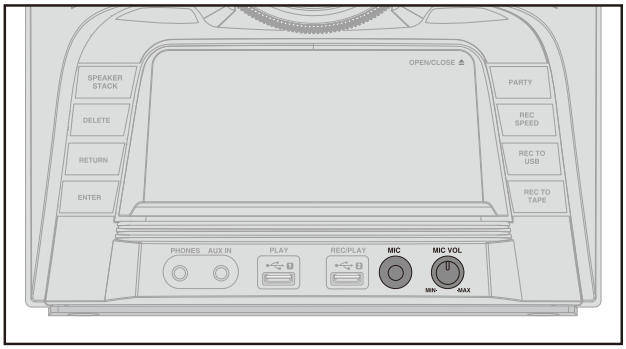


Connecting the Microphone

You can also connect a microphone to sing along with your favorite CDs.

☛ Plug a microphone with a 3.5ø MIC jack into the MIC terminal.

◆ Turn the **MIC VOL** knob on the main unit to adjust the Microphone Volume.



➢ ◆ If you use the Microphone, GIGA SOUND will automatically turn off. Even if you remove the Microphone, it will not turn on.

◆ If you hear strange noises (squealing or howling) while using the microphone, turning the Volume Knob on the main unit or the speaker volume is also effective.

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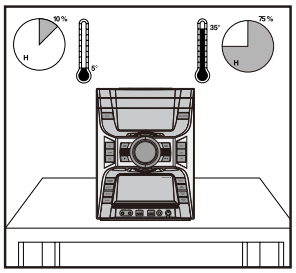
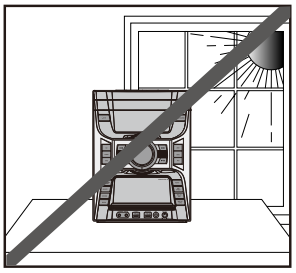
Safety Precautions

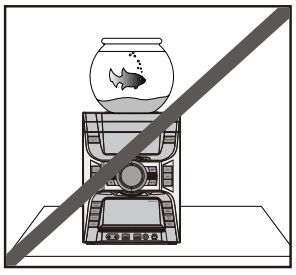
The following diagrams illustrate the precautions to be taken when using or moving your mini-compact system.



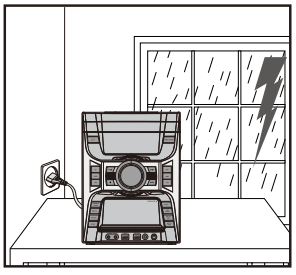
Ambient operating conditions:
Ambient temperature +41°F to +95°F
Humidity 10-75%



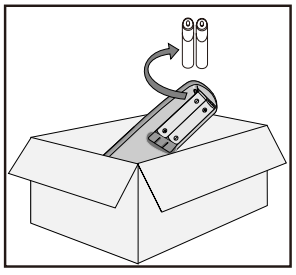
Do not expose the unit to direct sun radiation or other heat sources. This could lead to overheating and malfunction of the unit.



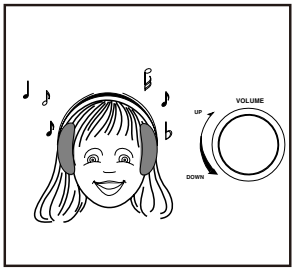
Do not place potted plants or vases on top of the unit. Moisture entering the unit could lead to dangerous electric shock and can cause equipment damage. In such events immediately disconnect the main plug from the socket.



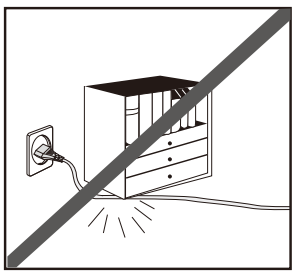
During thunderstorms, disconnect the main plug from the socket. Main voltage peaks due to lightning could damage the unit.



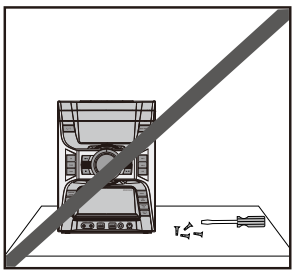
Remove the batteries from the remote control, if not used for any extended period.
Leaking batteries can cause serious damage to the remote control.



When using headphones, take care not to listen at excessive volumes. Extended use of headphones at high volumes will lead to hearing damage.



Do not place heavy items on the main unit. Main cable damage can lead to damage of the equipment (fire hazard) and can cause electric shock.



Do not disassemble, repair, or modify this unit on your own, as it may cause malfunction or a risk of electric shock.

Cleaning Your Mini-Compact System

ENG

To obtain the best possible results from your mini-compact system, you must clean the following elements regularly:

- The outer casing
- The compact disc player
- The cassette players (heads, rollers and drive capstans)

Always unplug the system from the wall outlet:

- Before cleaning it
- If you are not going to be using it for a long time

Outer Casing

Clean the outer casing regularly using a soft cloth and a light detergent.
Do not use abrasive powders, liquids or aerosol cleaners. Never let any liquids get into the system.

Compact Disc Player

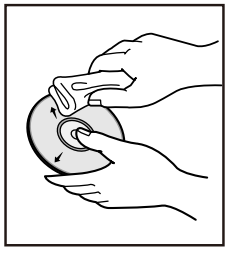
1 Before playing a compact disc, clean it with a special CD cleaning agent. Do not use the same cleaning agents as for vinyl LP records. Carefully wipe the disc from the Center outward.

2 Regularly clean the player with a special cleaning disc (available from your local dealer).

- If you will not be using the remote control for a long time, remove the batteries to prevent corrosion.
- Although your system is very hard-wearing, it should not be used in an excessively dusty environment or subjected to shocks or extreme heat (close to heating appliances or in direct sunlight, etc.).
- If the unit emits an unpleasant odor when in use, unplug it from the main supply and contact the after-sales service.

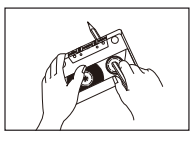
Precautions When Using Compact Discs

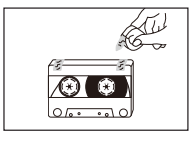
- Handle your compact discs with care. Always hold them by the edges to avoid leaving fingerprints on the shiny surface.
- When you have finished playing a compac disc, always put it back in its case.
- Do not fix paper or adhesive tape to the discs and do not write on the label.
- Clean them with a special-purpose cloth.
- Store your compact discs in a clean place, out of direct sunlight, where they will not be exposed to high temperatures.
- Always use compact discs marked .



Precautions When Using Audio Cassettes

- Check that the tape in the cassette is sufficiently taut.
- To prevent erasing a cassette that you wish to keep, remove the safety tab on the upper edge of the cassette.
  To record a cassette, where the tab has been broken, simply cover the opening with adhesive tape.
- When you have finished playing a cassette, always put it back in its case.
- Store your cassettes in a clean place, out of direct sunlight, where they will not be exposed to high temperatures.
- Avoid using 120-minute cassettes as they place unnecessary strain on the tape mechanism.





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Before Contacting the After-Sales Service

ENG

It always takes a little time to become familiar with a new appliance.
If you have any of the problems listed below, try the solutions given. They may save you the time and inconvenience of an unnecessary service call.

If the above guidelines do not allow you to solve the problem, take a note of:

- The model and serial numbers, normally printed on the rear of the system
- Your warranty details
- A clear description of the problem

Then contact your local dealer or SAMSUNG after-sales service.

	Problem	Checks/Explanation
GENERAL	The system does not work.	• The main unit is not correctly plugged into a wall socket or the wall socket is not switched on. • The remote control batteries need replacing or the polarity has not been respected. • The **STANDBY/ON** (⏻/I) button has not been pressed.
	There is no sound.	• The volume has been completely turned down. • The correct function (CD, TUNER, TAPE, USB, AUX) has not been selected. • You have connected a set of headphones. • The speaker wires have been disconnected. • The **MUTE** button has been pressed.
	The Timer does not work.	• The timer has been stopped by pressing the **TIMER ON/OFF** button.
	If the problem persists even when the actions above have been take...	• Press the **STOP (■)** button for 5 seconds in the "No Disc" mode, then it is returned the original position (RESET).
CD / MP3	The compact disc player does not start playing.	• The CD function has not been selected. • The disc has been inserted face down or is either dirty or scratched. • The laser sensor is dirty or dusty. • The system has not been installed on a flat, horizontal surface. • Condensation has formed in the player; leave the system in a warm, airy room for at least one hour.
RADIO	Reception is poor or no radio stations are received at all.	• The TUNER function has not been selected. • The radio frequency has not been correctly selected. • The antenna has been disconnected or is not facing the right way. Turn it until you find the best orientation. • You are in a building that blocks radio waves; you must use an outside antenna (not supplied).
TAPE	The tape does not start playing.	• The TAPE function has not been selected. • The cassette has not been inserted correctly. • The cassette deck has not been closed. • The tape is either slack or broken.

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Technical Specifications

ENG

SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.

RADIO

FM

Signal/noise ratio	62 dB
Usable sensitivity	10 dB
Total harmonic distortion	0.4 %

COMPACT DISC PLAYER

Capacity	3 discs
Frequency range	20 Hz - 20 KHz (± 1 dB)
Signal/noise ratio	70dB (at 1kHz, with filter, 2V)
Distortion	0.1 % (at 1 KHz)
Channel separation	75 dB
Disc sizes	Diameter: 5 inches or 3 1/2 inches. Thickness: 0.05 inches

TAPE DECK

Frequency range	125 Hz ~ 10 KHz
Signal/noise ratio	40 dB
Channel separation	35 dB
Erasing effect	50 dB

AMPLIFIER

Output power

MX-C830- 560 Watts (THD: 10 %)	GIGA Sound off	GIGA Sound on
Front Speaker	60W (3 Ω)	280W (3 Ω/100Hz)
MX-C850- 750 Watts (THD: 10 %)	GIGA Sound off	GIGA Sound on
Front Speaker	60W (3 Ω)	250W (3 Ω/100Hz)
Subwoofer	120W (4 Ω)	250W (4 Ω/100Hz)
MX-C870- 1,100 Watts (THD: 10 %)	GIGA Sound off	GIGA Sound on
Front Speaker	60W (4 Ω)	200W (4 Ω/100Hz)
Subwoofer	80W (4 Ω)	260W (4 Ω/100Hz)
Rear Speaker	60W (6 Ω)	90W (6 Ω/15kHz)

Channel separation	60 dB
Signal/noise ratio	70 dB

GENERAL

Power Consumption	115 W
Dimensions	17.2 (W) x 14.9 (H) x 11 (D) inches
Weight	15.45 lbs

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SAMSUNG

LIMITED WARRANTY TO ORIGINAL PURCHASER

Samsung Electronics Canada Inc.(SECA), warrants that this product is free from defective material and workmanship.

SECA further warrants that if this product falls to operate properly within the specified warranty period and the failure is due to improper workmanship or defective materials, SECA will repair or replace the product at its option.

All warranty repairs must be performed by a SECA Authorized Service Center. (The name and address of the location nearest you can be obtained by calling toll free: 1- 800- SAMSUNG)

LABOR	PARTS
One year (Carry- in)	One year

On carry-in models, transportation to and from the service center is the customer's responsibility.

The original dated sales receipt must be retained by the customer and is the only acceptable proof of purchase. It must be presented to the authorized service center at the time service is requested.

EXCLUSIONS (WHAT IS NOT COVERED)

This warranty does not cover damage due to accident, fire, flood and/ or other acts of God; misuse, incorrect line voltage, improper installation, improper or unauthorized repairs, commercial use or damage that occurs in shipping. Exterior and interior finish, lamps, glass are not covered under this warranty. Customer adjustments which are explained in the instruction manual are not covered under the terms of this warranty. This warranty will automatically be voided for any unit found with a missing or altered serial number. This warranty is valid only on products purchased and used in Canada.

HEADQUARTERS
SAMSUNG ELECTRONICS CANADA INC.,
CUSTOMER SERVICE
55 STANDISH COURT MISSISSAUGA, ONTARIO L5R 4B2 CANADA
FABRIQUE EN CORÉE
1-800-SAMSUNG (1-800-7267864)
WWW.SAMSUNG.COM/CA

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Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

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Region	Area	Contact Center ☎	Web Site
North America	Canada	1-800-SAMSUNG (726-7864)	www.samsung.com/ca
	Mexico	01-800-SAMSUNG (726-7864)	www.samsung.com/mx
	U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com/us
Latin America	Argentine	0800-333-3733	www.samsung.com/ar
	Brazil	0800-124-421, 4004-0000	www.samsung.com/br
	Chile	800-SAMSUNG (726-7864)	www.samsung.com/cl
	Nicaragua	00-1800-5077267	www.samsung.com/latin
	Honduras	800-7919267	www.samsung.com/latin
	Costa Rica	0-800-507-7267	www.samsung.com/latin
	Ecuador	1-800-10-7267	www.samsung.com/latin
	El Salvador	800-6225	www.samsung.com/latin
	Guatemala	1-800-299-0013	www.samsung.com/latin
	Jamaica	1-800-234-7267	www.samsung.com/latin
	Panama	800-7267	www.samsung.com/latin
	Puerto Rico	1-800-682-3180	www.samsung.com/latin
	Rep. Dominica	1-800-751-2676	www.samsung.com/latin
	Trinidad & Tobago	1-800-SAMSUNG (726-7864)	www.samsung.com/latin
	Venezuela	0-800-100-5303	www.samsung.com/latin
	Colombia	01-8000112112	www.samsung.com.co
Europe	Belgium	02 201 2418	www.samsung.com/be (Dutch) www.samsung.com/be_fr (French)
	Czech Republic	800-SAMSUNG (800-726786)	www.samsung.com/cz
	Denmark	8-SAMSUNG (7267864)	www.samsung.com/dk
	Finland	30-6227 515	www.samsung.com/fi
	France	01 4863 0000	www.samsung.com/fr
	Germany	01805-SAMSUNG (726-7864 € 0,14/Min)	www.samsung.de
	Hungary	06-80-SAMSUNG (726-7864)	www.samsung.com/hu
	Italia	800-SAMSUNG (726-7864)	www.samsung.com/it
	Luxemburg	02 261 03 710	www.samsung.com/lu
	Netherlands	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	www.samsung.com/nl
	Norway	3-SAMSUNG (7267864)	www.samsung.com/no
	Poland	0 801 1SAMSUNG (172678), 022-607-93-33	www.samsung.com/pl
	Portugal	80820-SAMSUNG (726-7864)	www.samsung.com/pt
	Slovakia	0800-SAMSUNG (726-7864)	www.samsung.com/sk
	Spain	902-1-SAMSUNG (902 172 678)	www.samsung.com/es
	Sweden	0771 726 7864 (SAMSUNG)	www.samsung.com/se
	U.K	0845 SAMSUNG (7267864)	www.samsung.com/uk
	Eire	0818 717 100	www.samsung.com/ie
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	Switzerland	0848-SAMSUNG (7267864, CHF 0.08/min)	www.samsung.com/ch www.samsung.com/ch_fr/ (French)
CIS	Russia	8-800-555-55-55	www.samsung.ru
	Kazakhstan	8-10-800-500-55-500	www.samsung.com/kz_ru
	Uzbekistan	8-10-800-500-55-500	www.samsung.com/kz_ru
	Kyrgyzstan	00-800-500-55-500	
	Tadjikistan	8-10-800-500-55-500	
	Ukraine	8-800-502-0000	www.samsung.ua www.samsung.com/ua_ru
	Belarus	810-800-500-55-500	
	Moldova	00-800-500-55-500	
	Lithuania	8-800-77777	www.samsung.com/lt
	Latvia	8000-7267	www.samsung.com/lv
	Estonia	800-7267	www.samsung.com/ee
Asia Pacific	Australia	1300 362 603	www.samsung.com/au
	New Zealand	0800 SAMSUNG (0800 726 786)	www.samsung.com/nz
	China	400-810-5858, 010-6475 1880	www.samsung.com/cn
	Hong Kong	3698-4698	www.samsung.com/hk www.samsung.com/hk_en/
	India	3030 8282, 1800 110011, 1800 3000 8282	www.samsung.com/in
	Indonesia	0800-112-8888	www.samsung.com/id
	Japan	0120-327-527	www.samsung.com/jp
	Malaysia	1800-88-9999	www.samsung.com/my
	Philippines	1-800-10-SAMSUNG (726-7864), 1-800-3-SAMSUNG (726-7864), 1-800-8-SAMSUNG (726-7864), 02-5805777	www.samsung.com/ph
	Singapore	1800-SAMSUNG (726-7864)	www.samsung.com/sg
	Thailand	1800-29-3232, 02-689-3232	www.samsung.com/th
	Taiwan	0800-329-999	www.samsung.com/tw
	Vietnam	1 800 588 889	www.samsung.com/vn
Middle East & Africa	Turkey	444 77 11	www.samsung.com/tr
	South Africa	0860-SAMSUNG (726-7864)	www.samsung.com/za
	U.A.E	800-SAMSUNG (726-7864), 8000-4726	www.samsung.com/ae

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